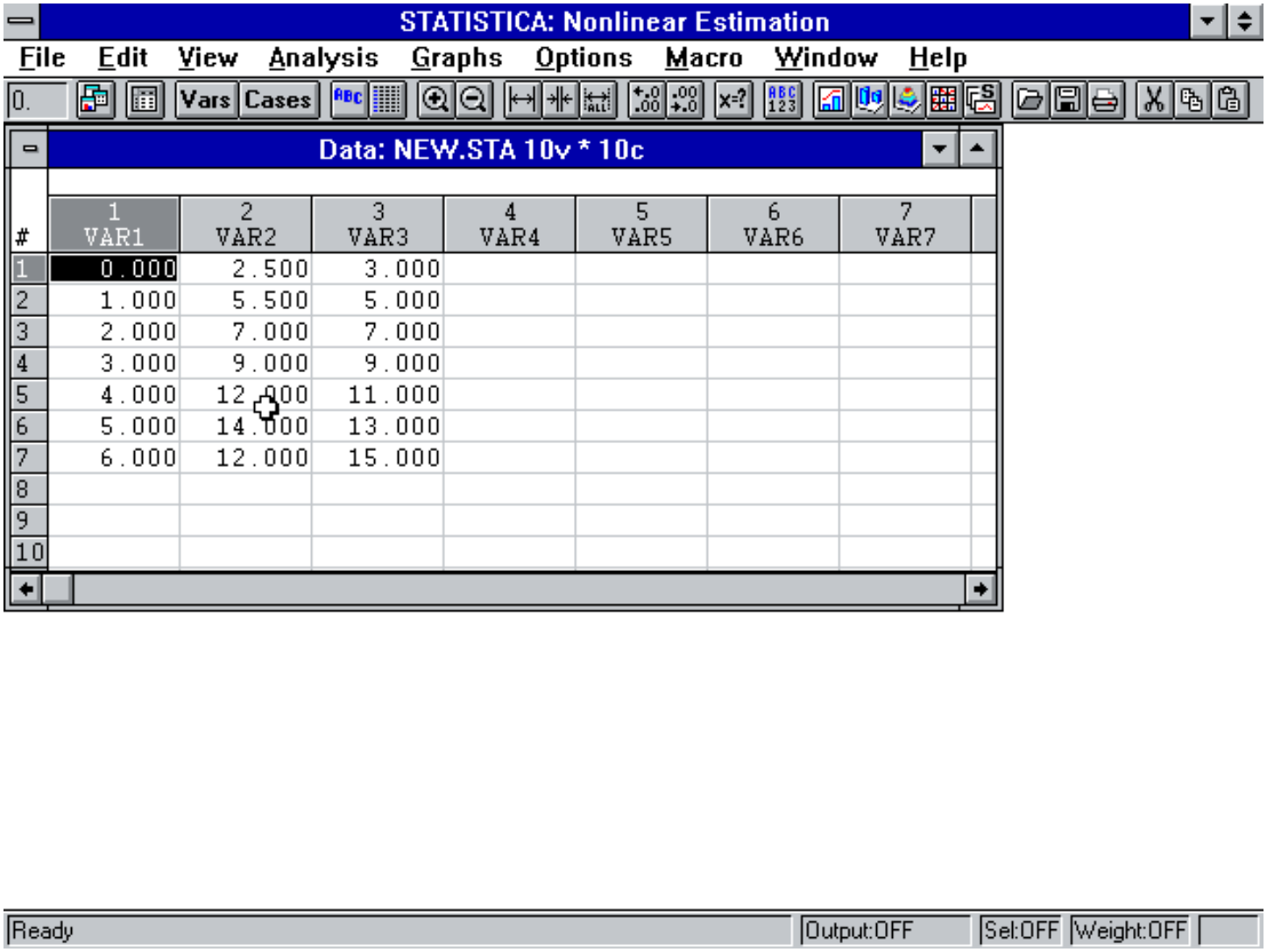
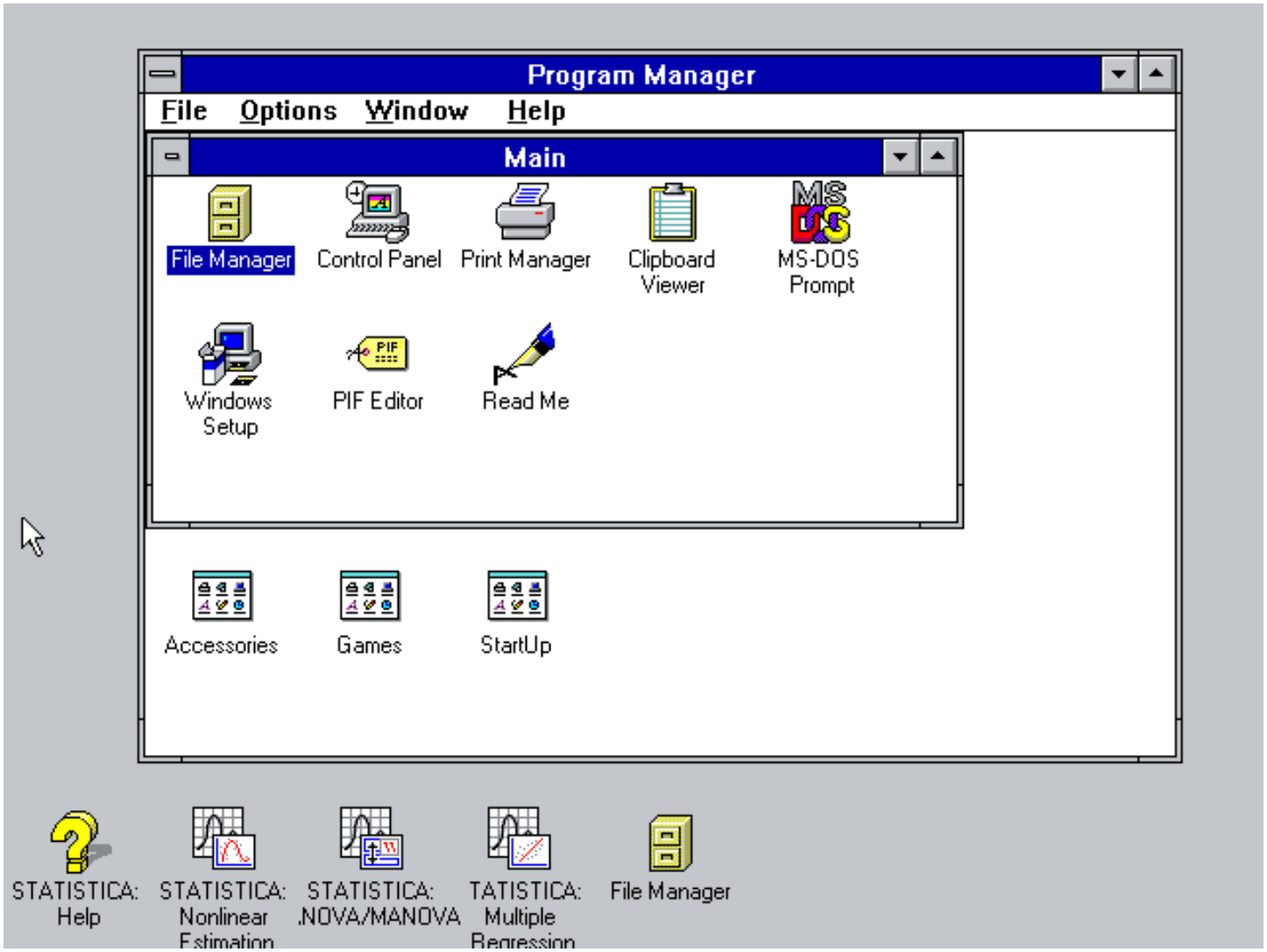
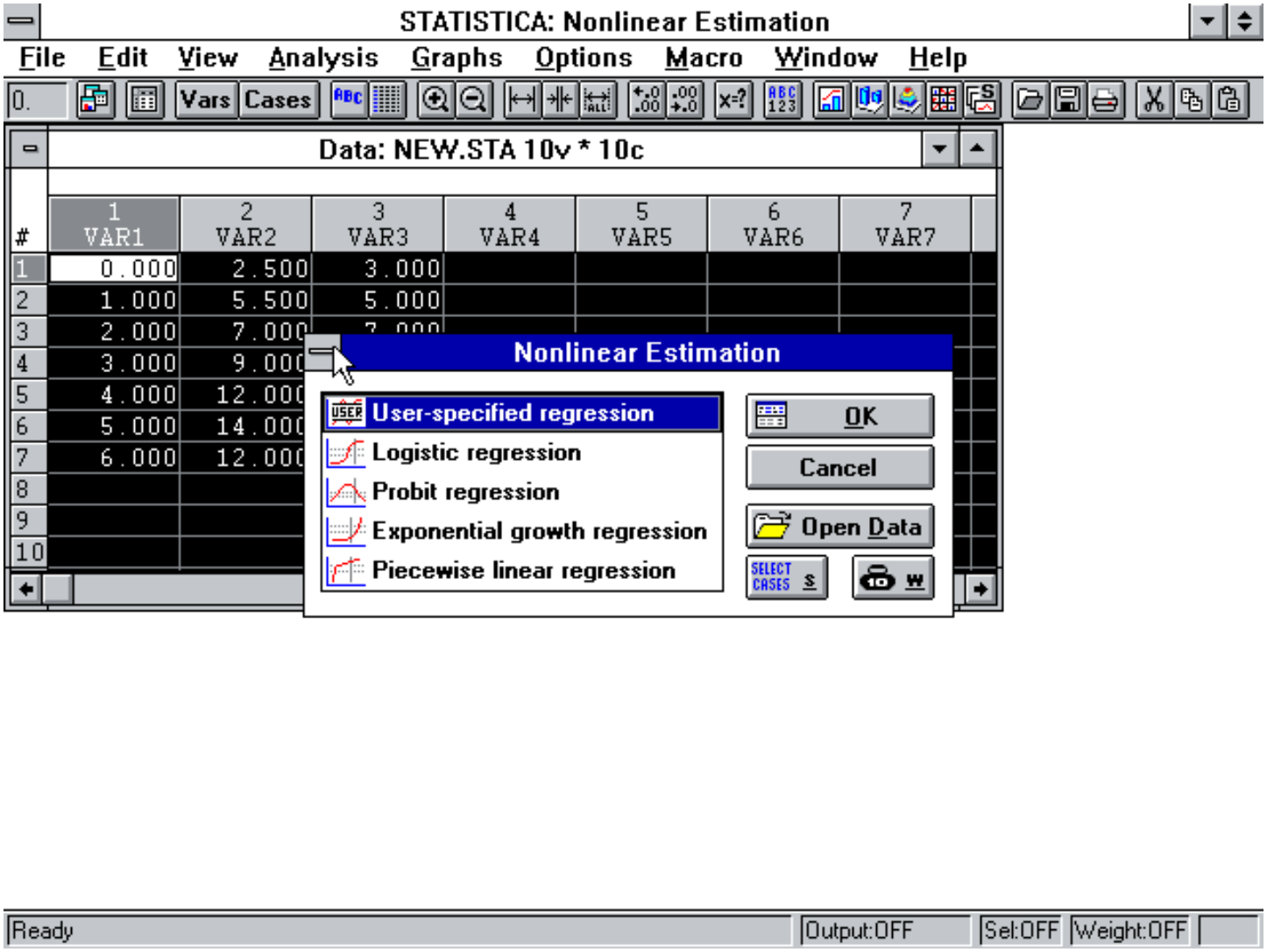
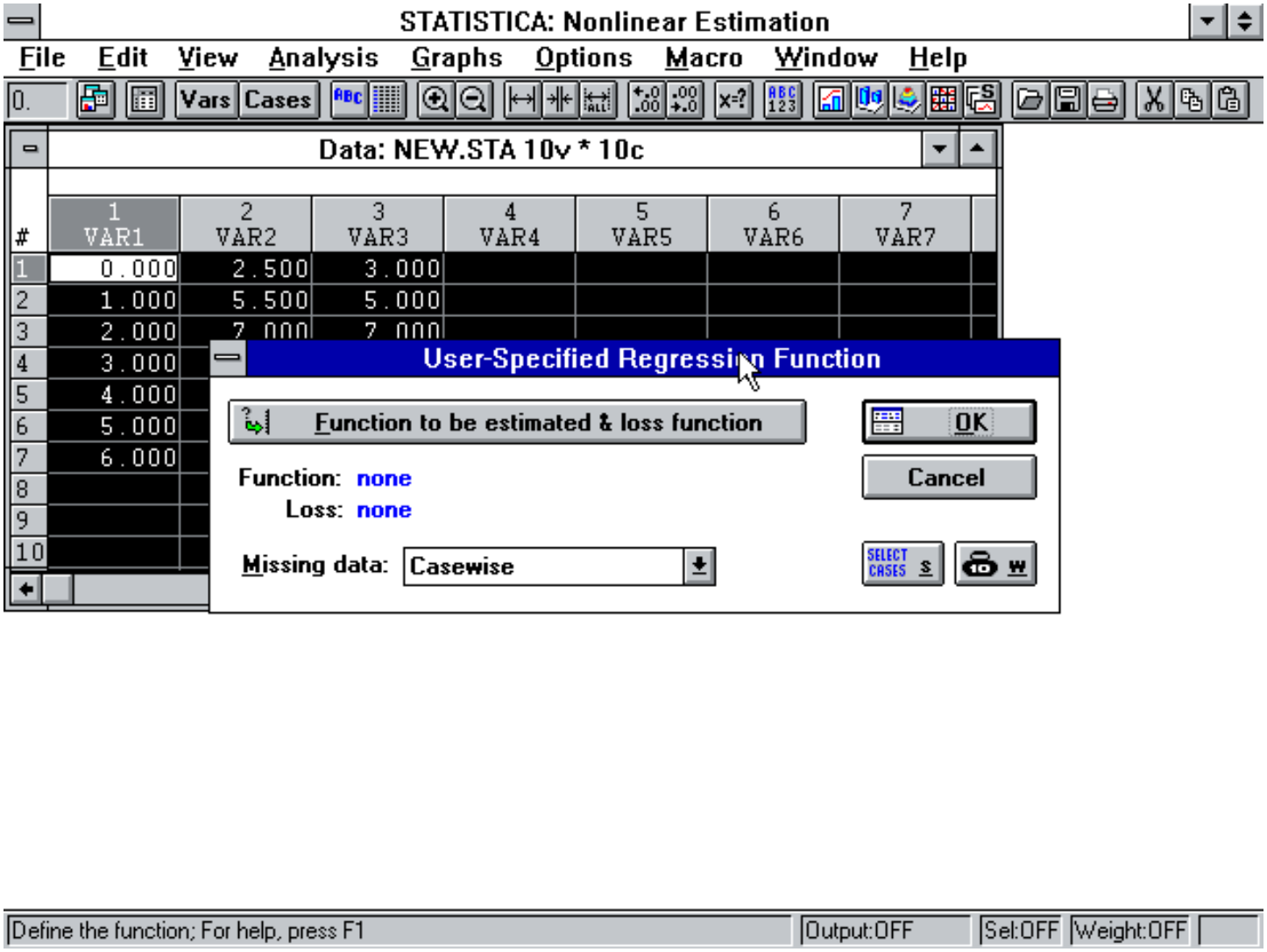
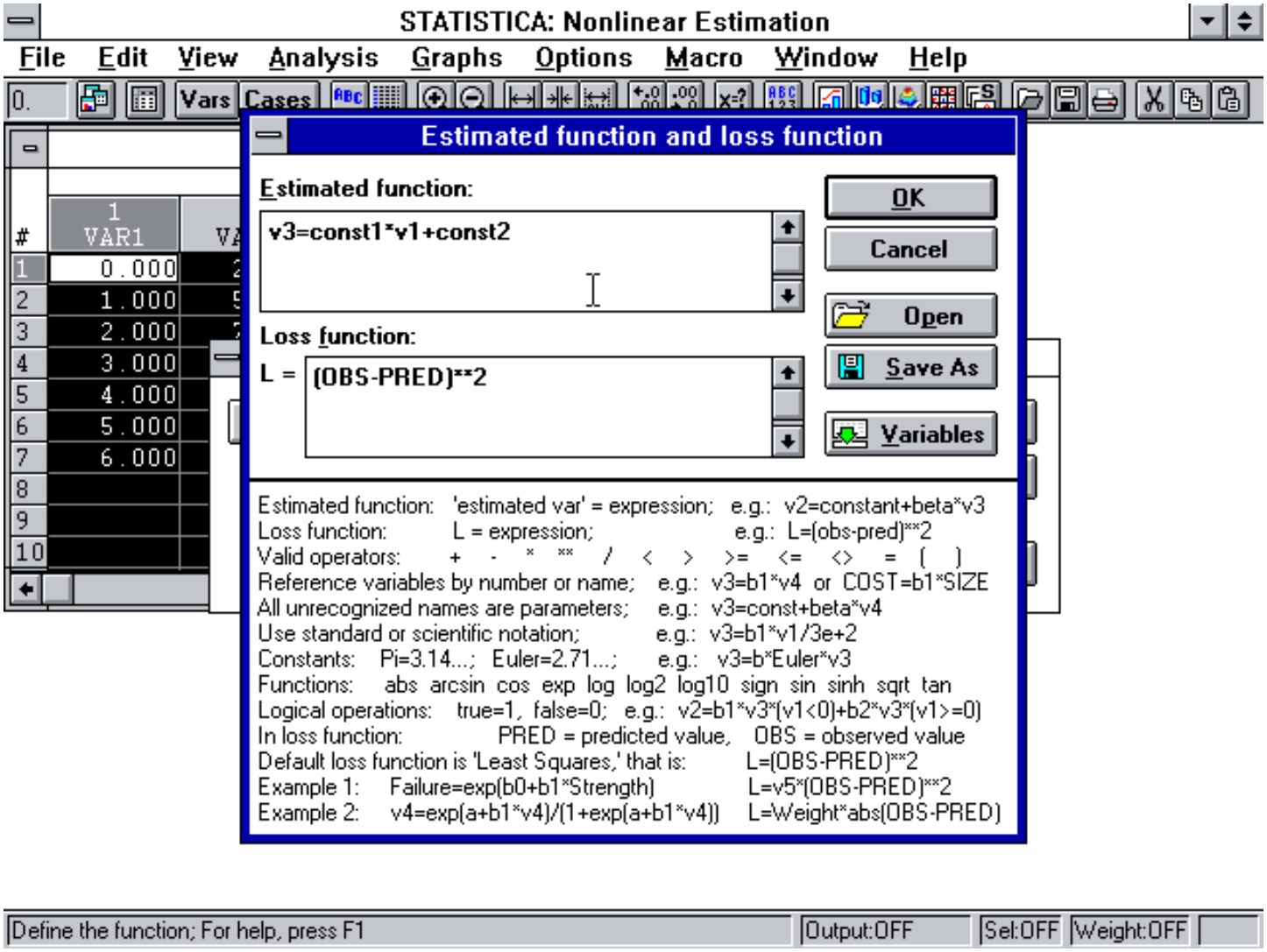

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
0.
Vars Cases
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000 9.000 9.000
5 4.000 12.000 11.000
6 5.000 14.000 13.000
7 6.000 12.000 15.000
8
9
10
Ready
Output:OFF
Sel:OFF
Weight:OFF

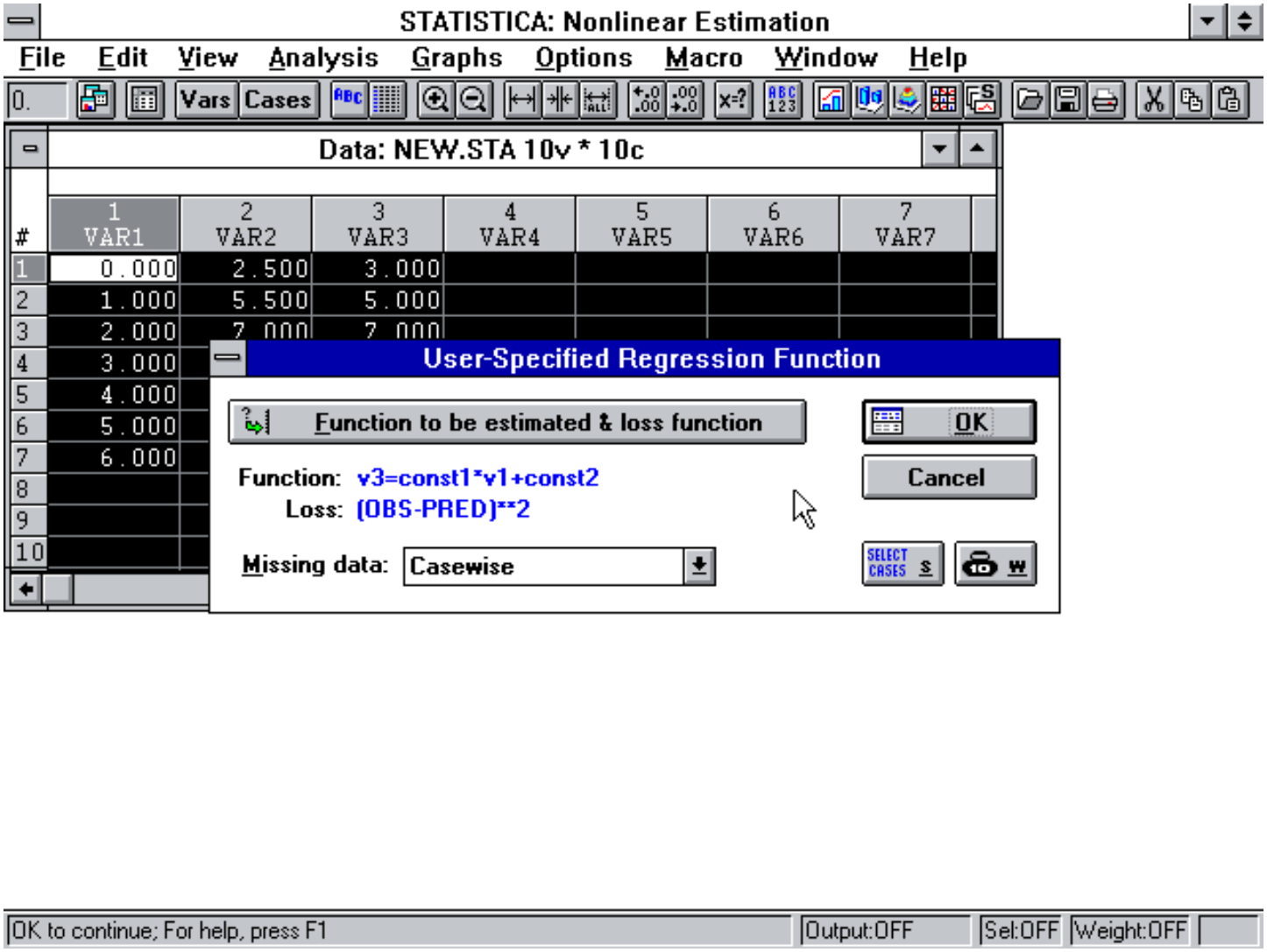

Program Manager
File Options Window Help
Main
File Manager
Control Panel
Print Manager
Clipboard Viewer
MS-DOS Prompt
Windows Setup
PIF Editor
Read Me
Accessories
Games
StartUp
STATISTICA: Help
STATISTICA: Nonlinear Estimation
STATISTICA: .NOVA/MANOVA
TATISTICA: Multiple Regression
File Manager


STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000
4 3.000 9.000
5 4.000 12.000
6 5.000 14.000
7 6.000 12.000
8
9
10
Nonlinear Estimation
User-specified regression
Logistic regression
Probit regression
Exponential growth regression
Piecewise linear regression
OK
Cancel
Open Data
SELECT CASES S
W
Ready
Output:OFF
Sel:OFF
Weight:OFF

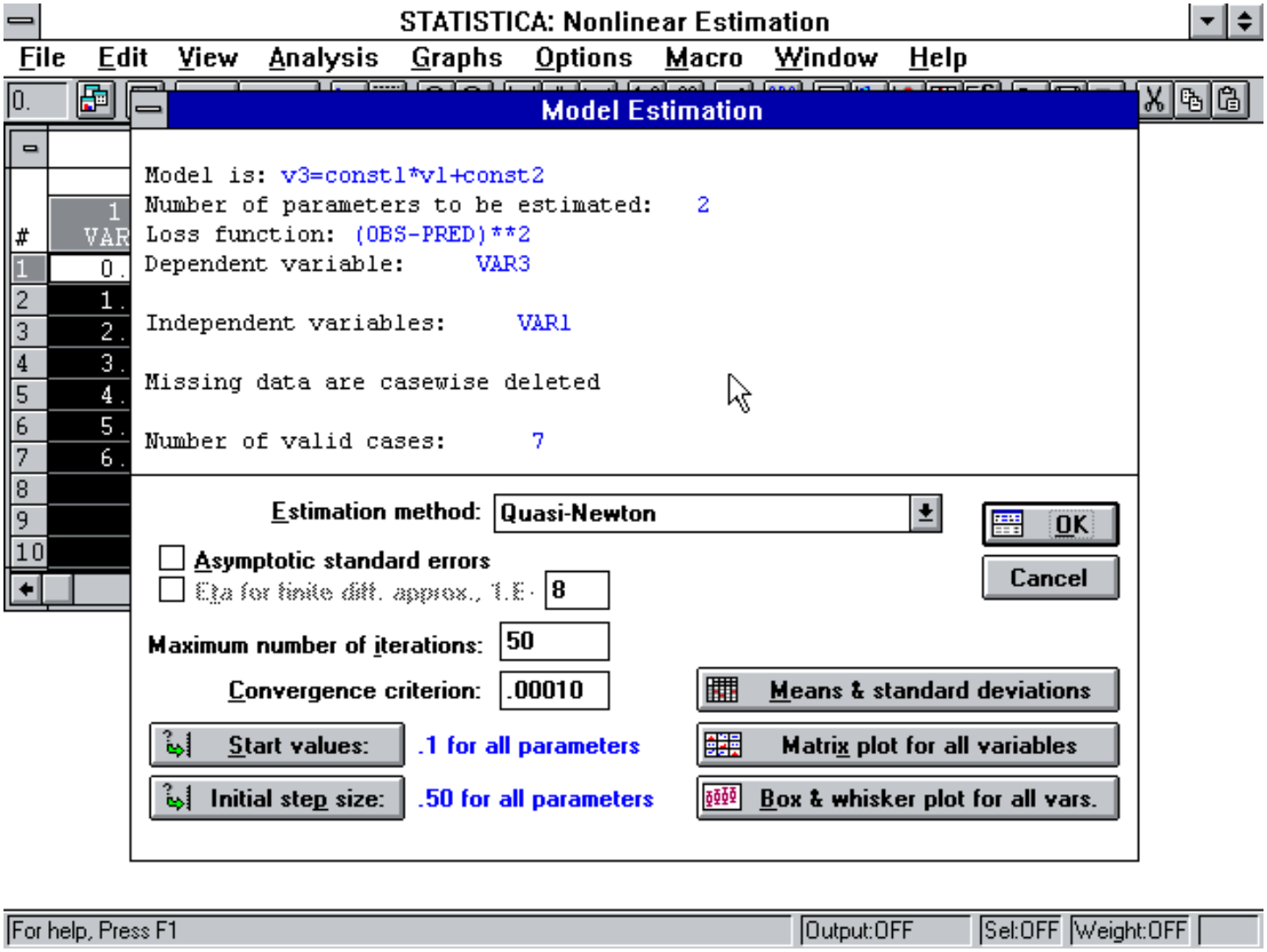

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000
5 4.000
6 5.000
7 6.000
8
9
10
User-Specified Regression Function
Function to be estimated & loss function
OK
Cancel
Function: none
Loss: none
Missing data: Casewise
SELECT CASES s
w

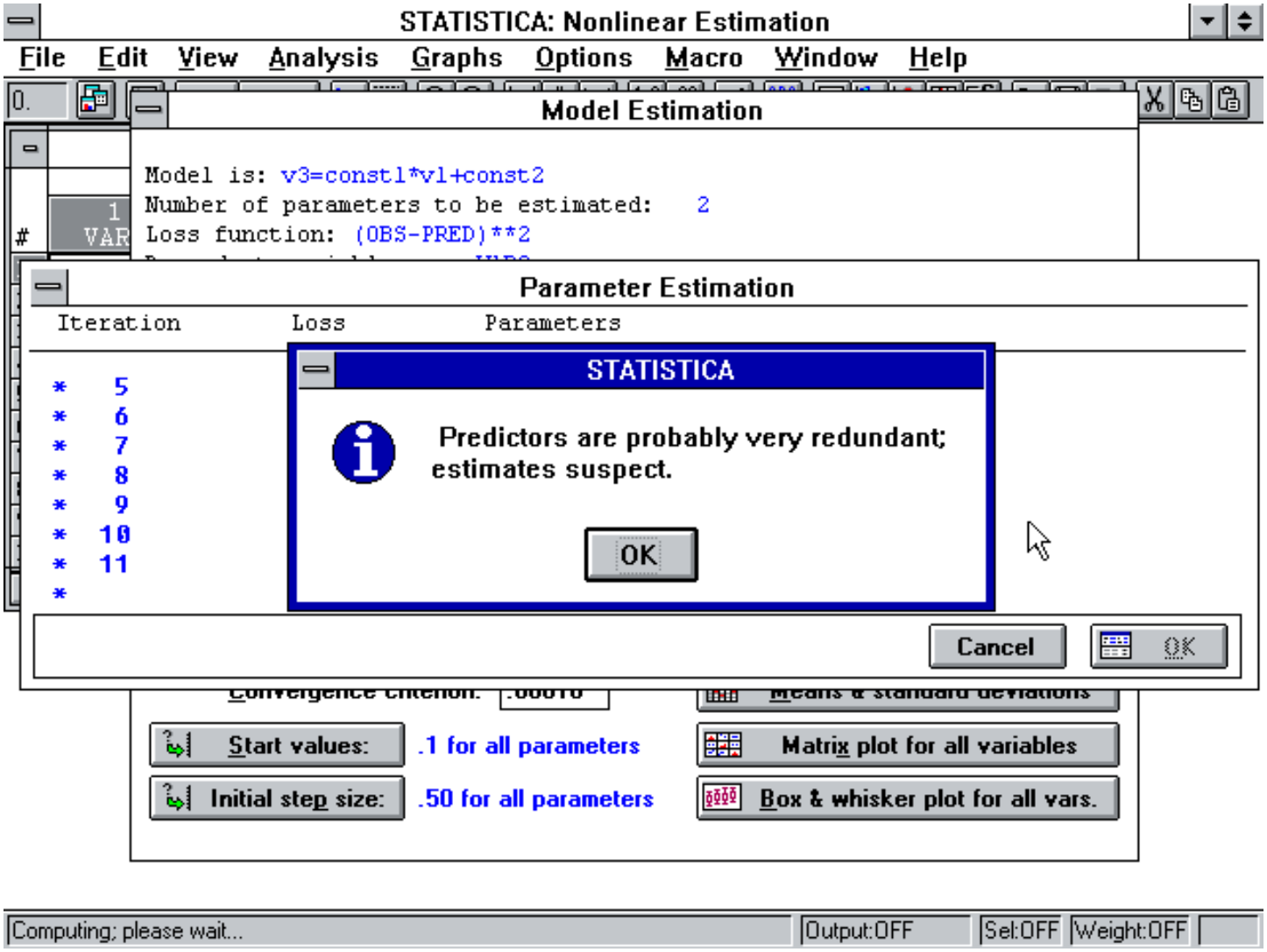
Define the function; For help, press F1
Output:OFF
Sel:OFF
Weight:OFF

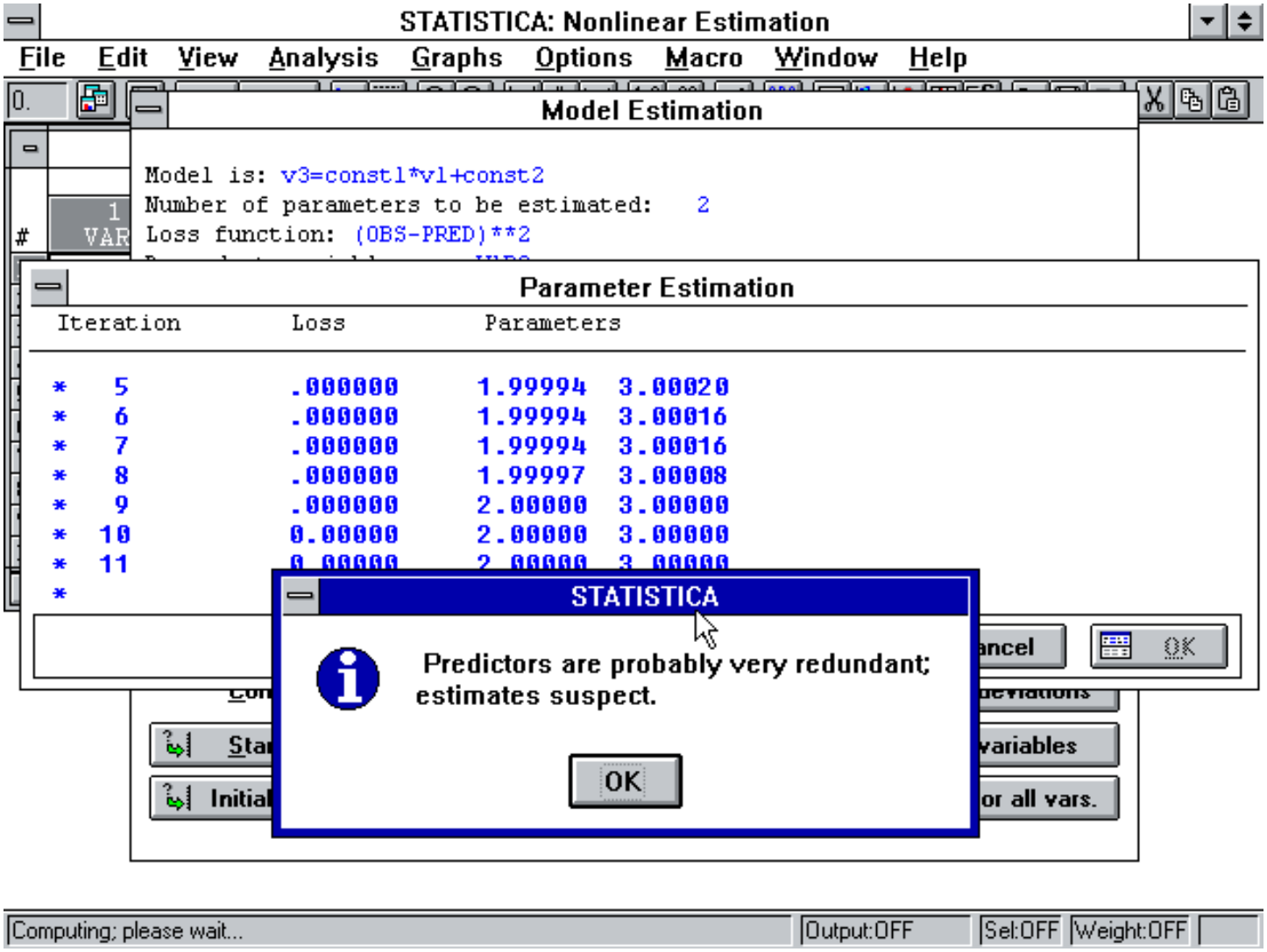

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Estimated function and loss function
Estimated function:
v3=const1*v1+const2
OK
Cancel
Open
Save As
Variables
Loss function:
L = (OBS-PRED)**2
Estimated function: 'estimated var' = expression; e.g.: v2=constant+beta*v3
Loss function: L = expression; e.g.: L=(obs-pred)**2
Valid operators: + - * ** / < > >= <= <> = ( )
Reference variables by number or name; e.g.: v3=b1*v4 or COST=b1*SIZE
All unrecognized names are parameters; e.g.: v3=const+beta*v4
Use standard or scientific notation; e.g.: v3=b1*v1/3e+2
Constants: Pi=3.14...; Euler=2.71...; e.g.: v3=b*Euler*v3
Functions: abs arcsin cos exp log log2 log10 sign sin sinh sqrt tan
Logical operations: true=1, false=0; e.g.: v2=b1*v3*(v1<0)+b2*v3*(v1>=0)
In loss function: PRED = predicted value, OBS = observed value
Default loss function is 'Least Squares,' that is: L=(OBS-PRED)**2
Example 1: Failure=exp(b0+b1*Strength) L=v5*(OBS-PRED)**2
Example 2: v4=exp(a+b1*v4)/(1+exp(a+b1*v4)) L=Weight*abs(OBS-PRED)
1 VAR1
1 0.000
2 1.000
3 2.000
4 3.000
5 4.000
6 5.000
7 6.000
8
9
10
Define the function; For help, press F1
Output:OFF
Sel:OFF
Weight:OFF

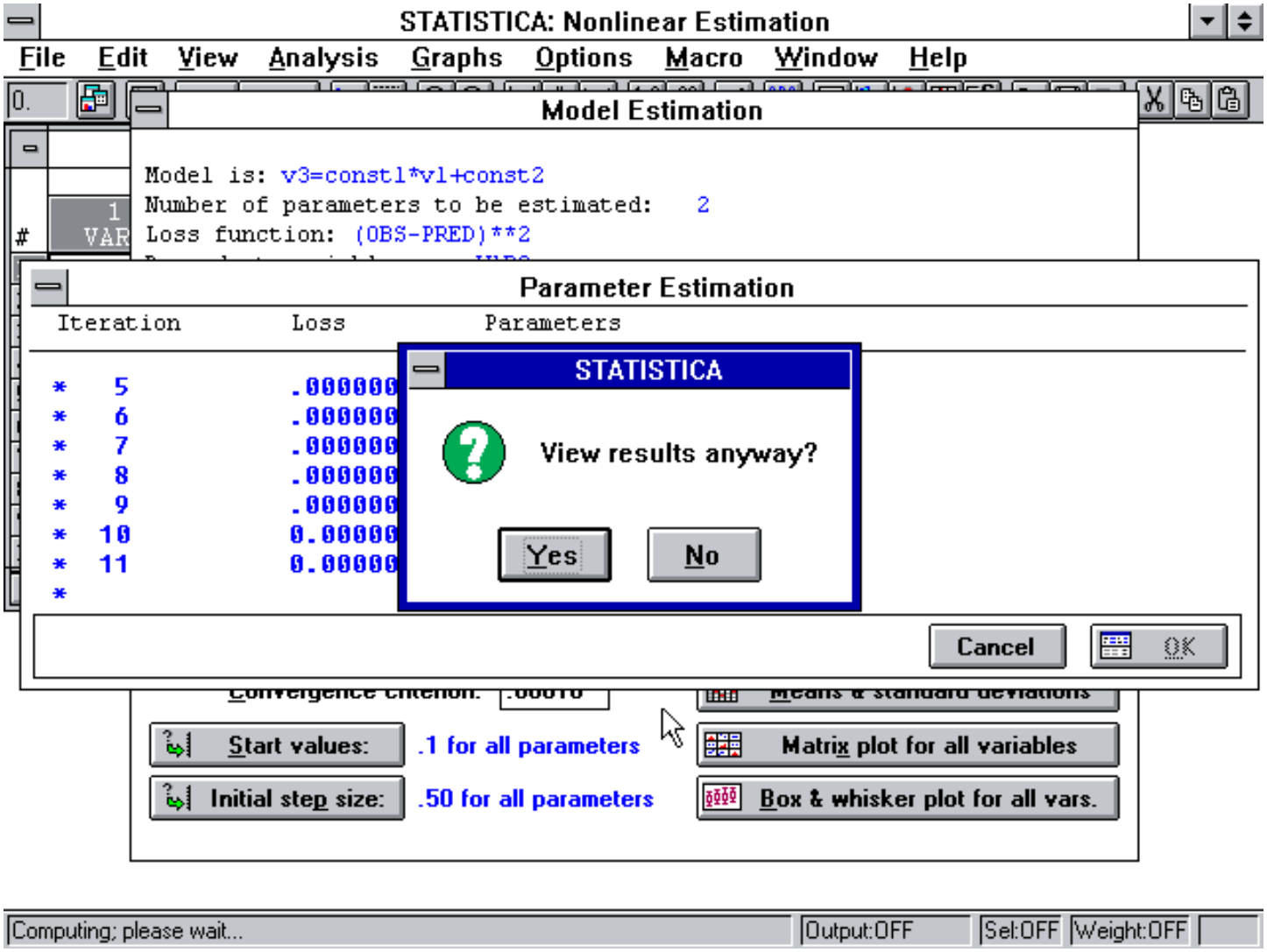

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000
5 4.000
6 5.000
7 6.000
8
9
10
User-Specified Regression Function
Function to be estimated & loss function
OK
Cancel
Function: v3=const1*v1+const2
Loss: (OBS-PRED)**2
Missing data: Casewise
SELECT CASES s
w

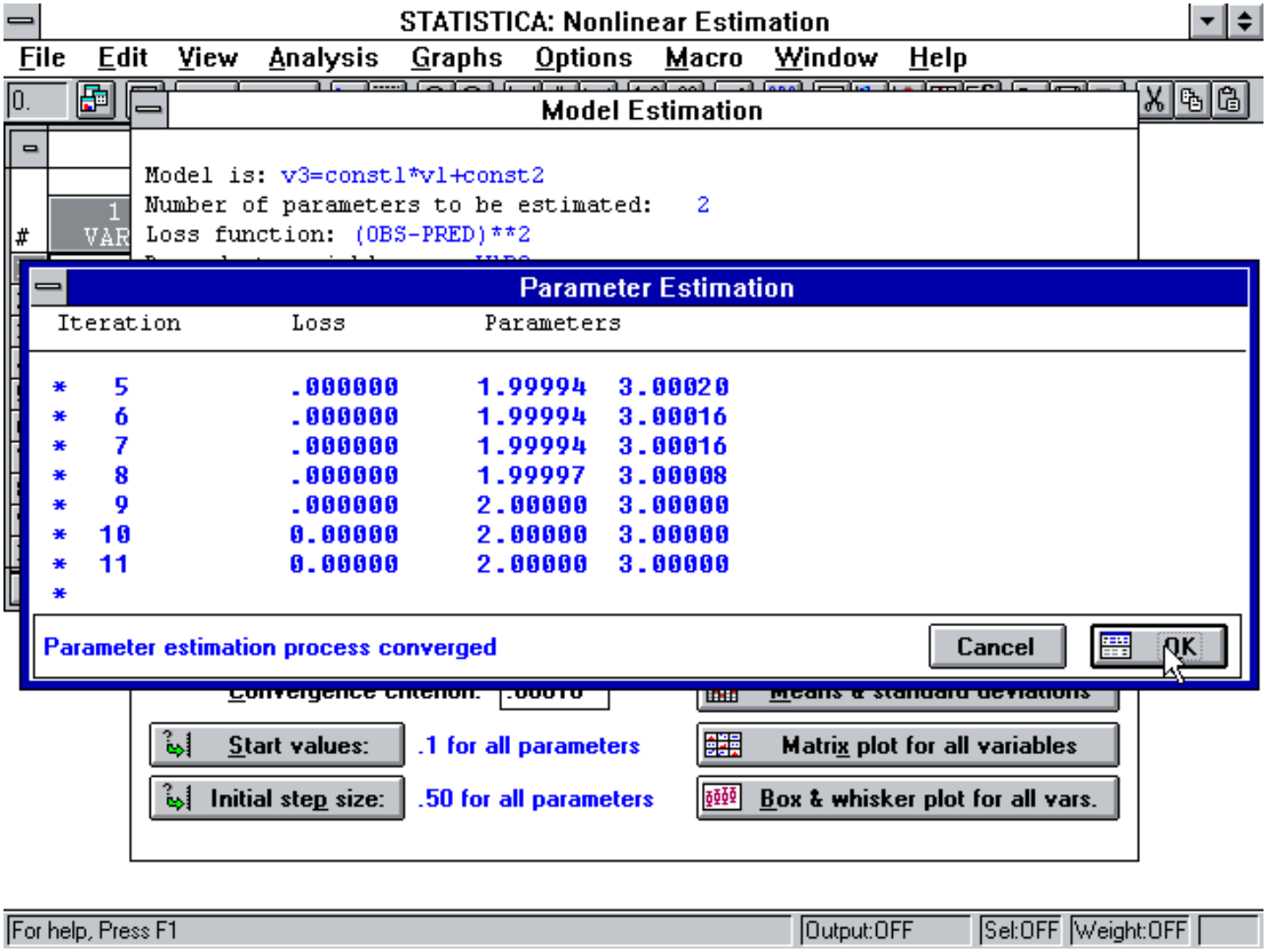
OK to continue; For help, press F1
Output:OFF
Sel:OFF
Weight:OFF

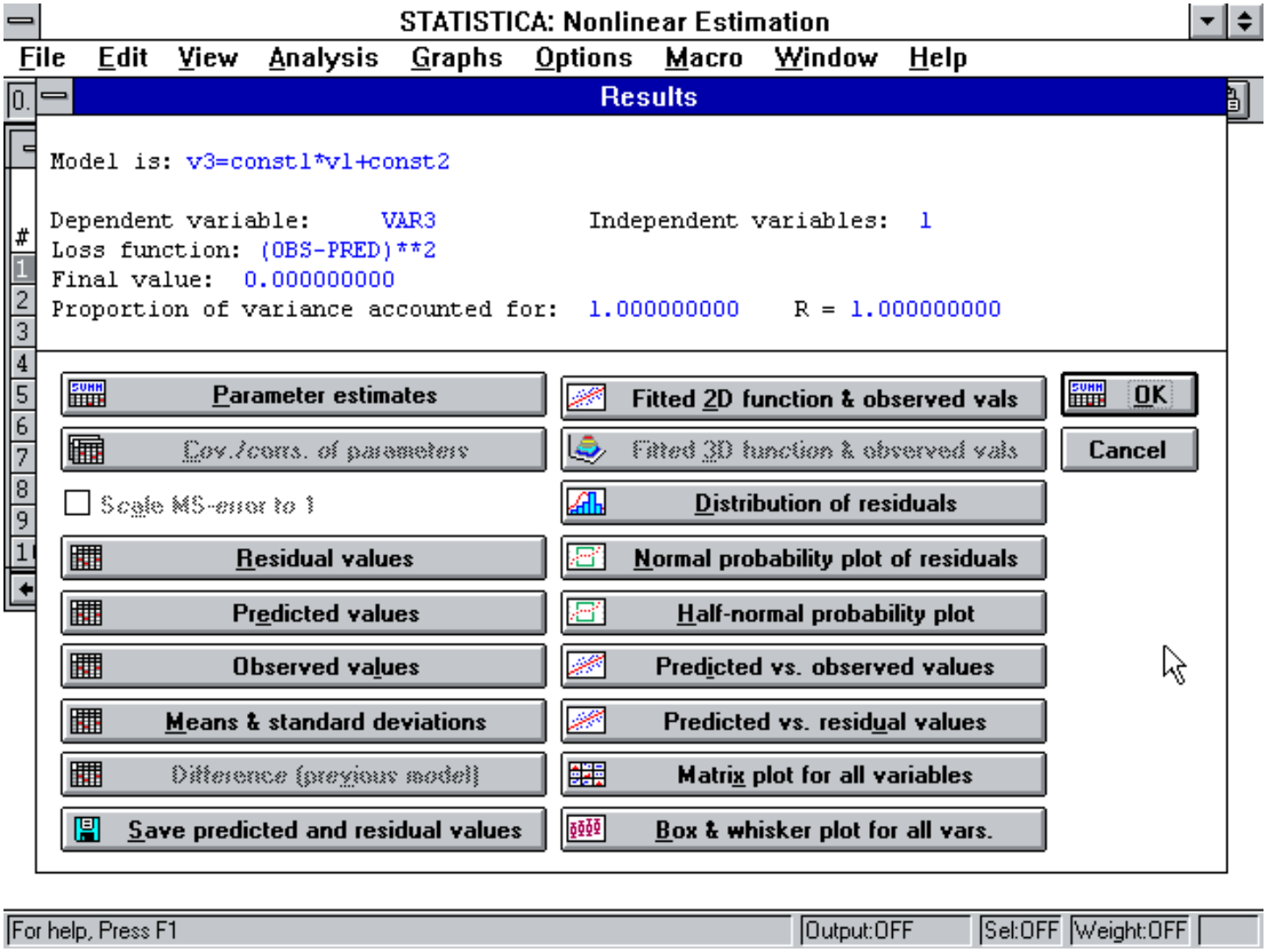

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v3=const1*v1+const2
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Dependent variable: VAR3
Independent variables: VAR1
Missing data are casewise deleted
Number of valid cases: 7
Estimation method: Quasi-Newton
OK
Cancel
Asymptotic standard errors
Dx for finite diff. approx., I.E.: 8
Maximum number of iterations: 50
Convergence criterion: .00010
Means & standard deviations
Start values: .1 for all parameters
Matrix plot for all variables
Initial step size: .50 for all parameters
Box & whisker plot for all vars.
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

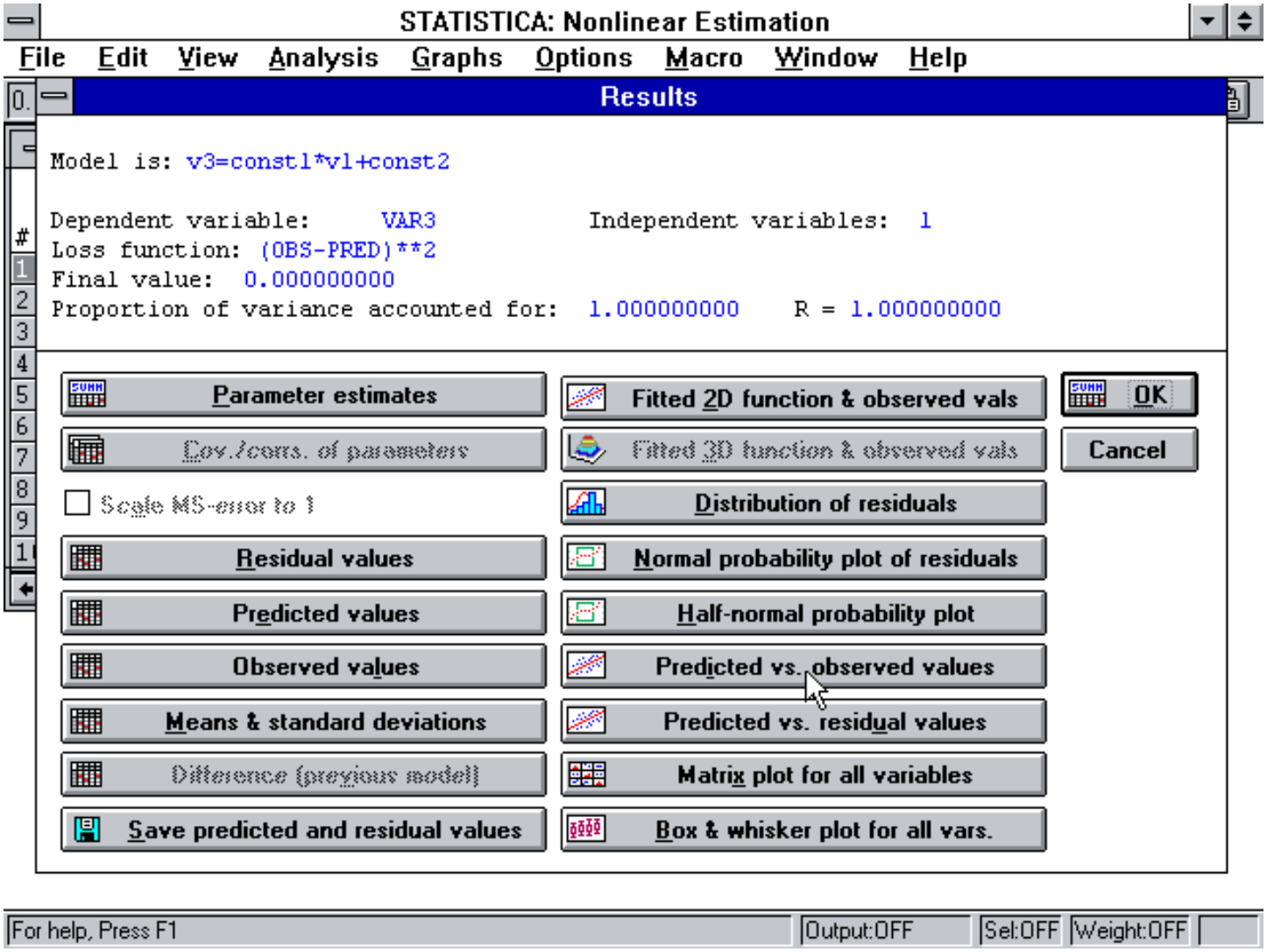

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v3=const1*v1+const2
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Parameter Estimation
Iteration Loss Parameters
* 5
* 6
* 7
* 8
* 9
* 10
* 11
*
STATISTICA
Predictors are probably very redundant; estimates suspect.
OK
Cancel
OK
Start values:
.1 for all parameters
Initial step size:
.50 for all parameters
Matrix plot for all variables
Box & whisker plot for all vars.
Computing; please wait...
Output:OFF
Sel:OFF
Weight:OFF

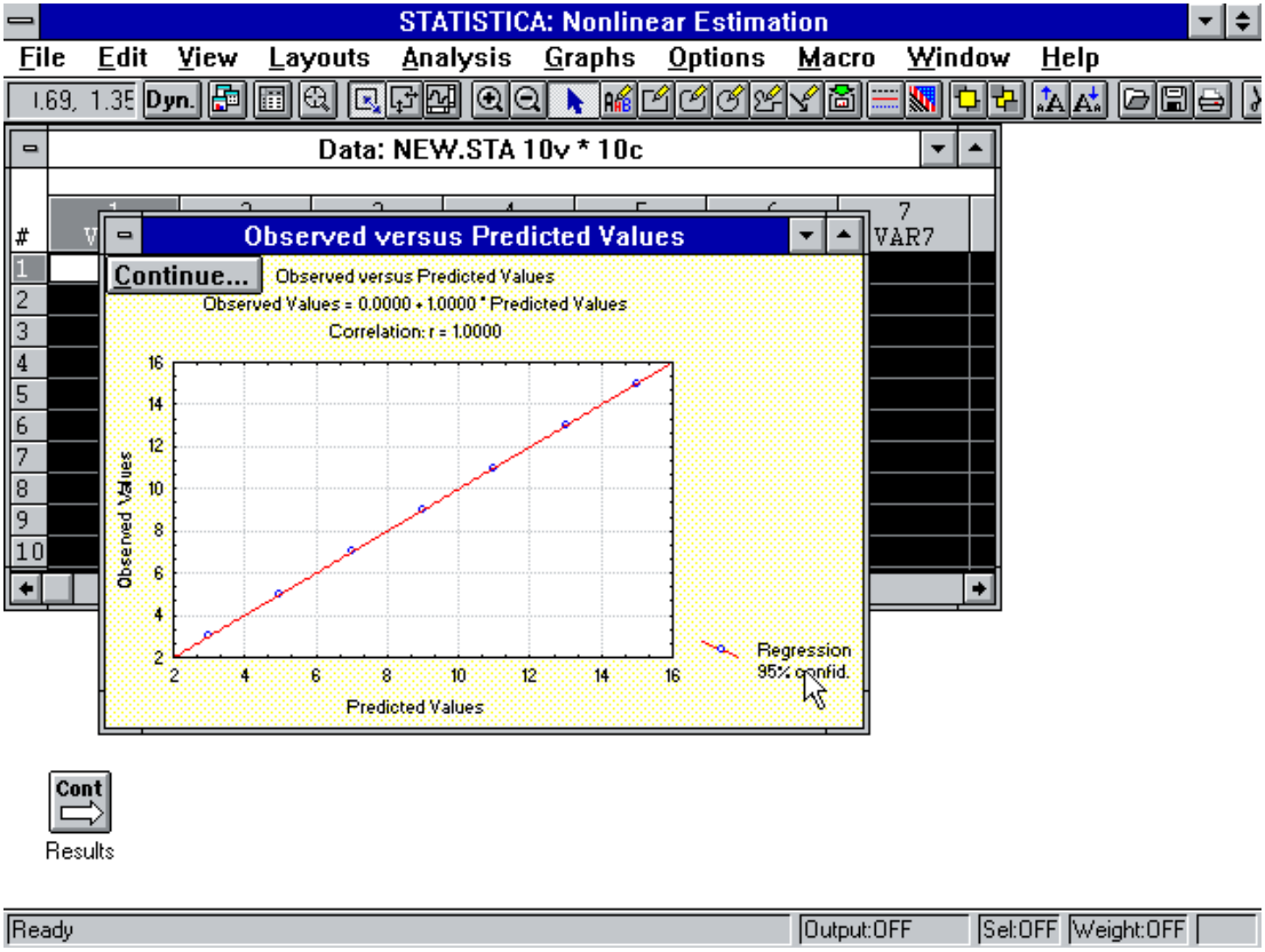

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v3=const1*v1+const2
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Parameter Estimation
Iteration Loss Parameters
* 5 .000000 1.99994 3.00020
* 6 .000000 1.99994 3.00016
* 7 .000000 1.99994 3.00016
* 8 .000000 1.99997 3.00008
* 9 .000000 2.00000 3.00000
* 10 0.00000 2.00000 3.00000
STATISTICA
Predictors are probably very redundant; estimates suspect.
OK
Cancel
OK
variables
or all vars.
Computing; please wait...
Output:OFF
Sel:OFF
Weight:OFF

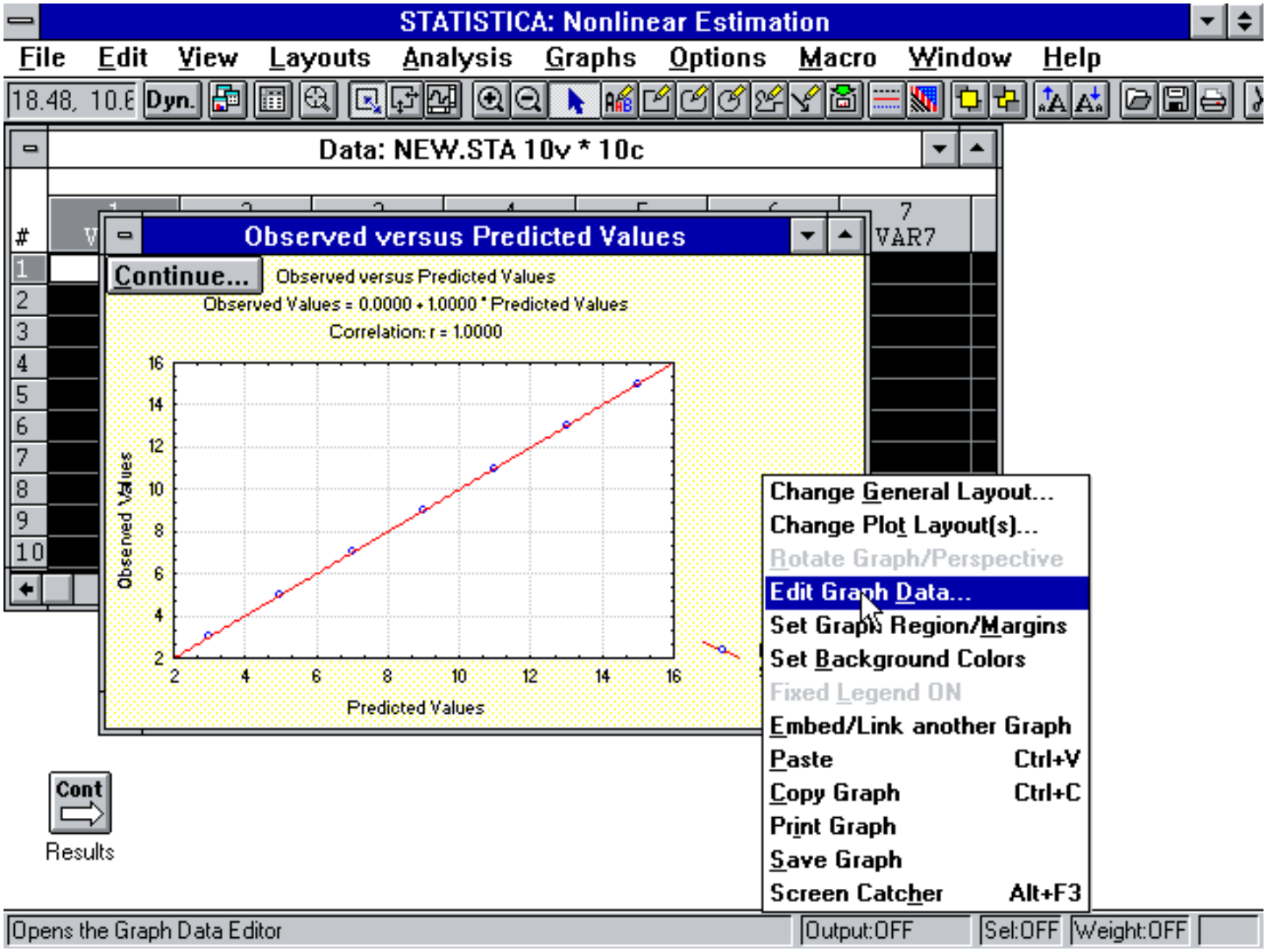

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v3=const1*v1+const2
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Parameter Estimation
Iteration Loss Parameters
* 5 .000000
* 6 .000000
* 7 .000000
* 8 .000000
* 9 .000000
* 10 0.00000
* 11 0.00000
STATISTICA
View results anyway?
Yes
No
Cancel
OK
Start values:
.1 for all parameters
Initial step size:
.50 for all parameters
Matrix plot for all variables
Box & whisker plot for all vars.
Computing; please wait...
Output:OFF
Sel:OFF
Weight:OFF

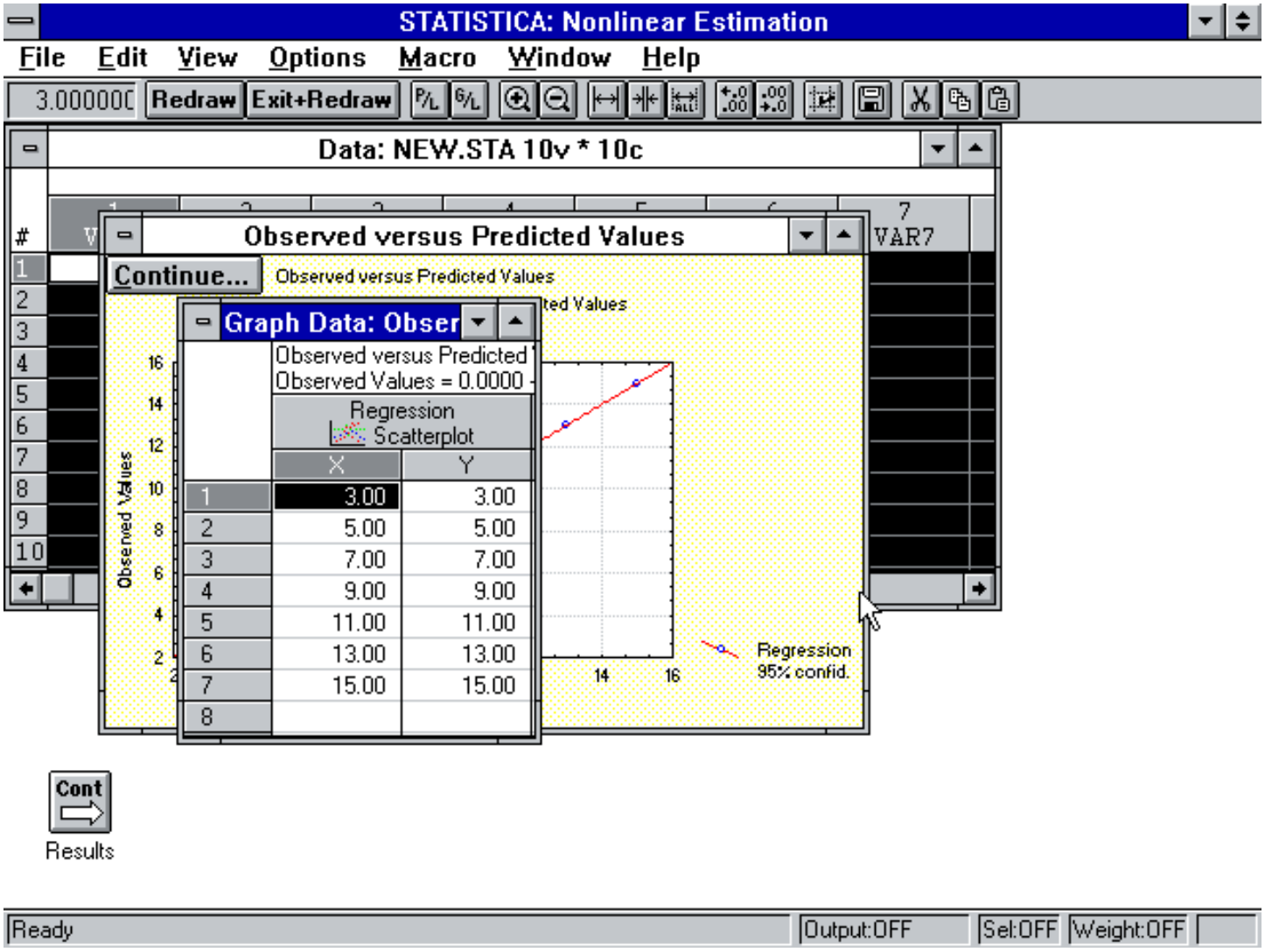

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v3=const1*v1+const2
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Parameter Estimation
Iteration Loss Parameters
* 5 .000000 1.99994 3.00020
* 6 .000000 1.99994 3.00016
* 7 .000000 1.99994 3.00016
* 8 .000000 1.99997 3.00008
* 9 .000000 2.00000 3.00000
* 10 0.00000 2.00000 3.00000
* 11 0.00000 2.00000 3.00000
*
Parameter estimation process converged
Cancel
OK
Start values:
.1 for all parameters
Initial step size:
.50 for all parameters
Matrix plot for all variables
Box & whisker plot for all vars.
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

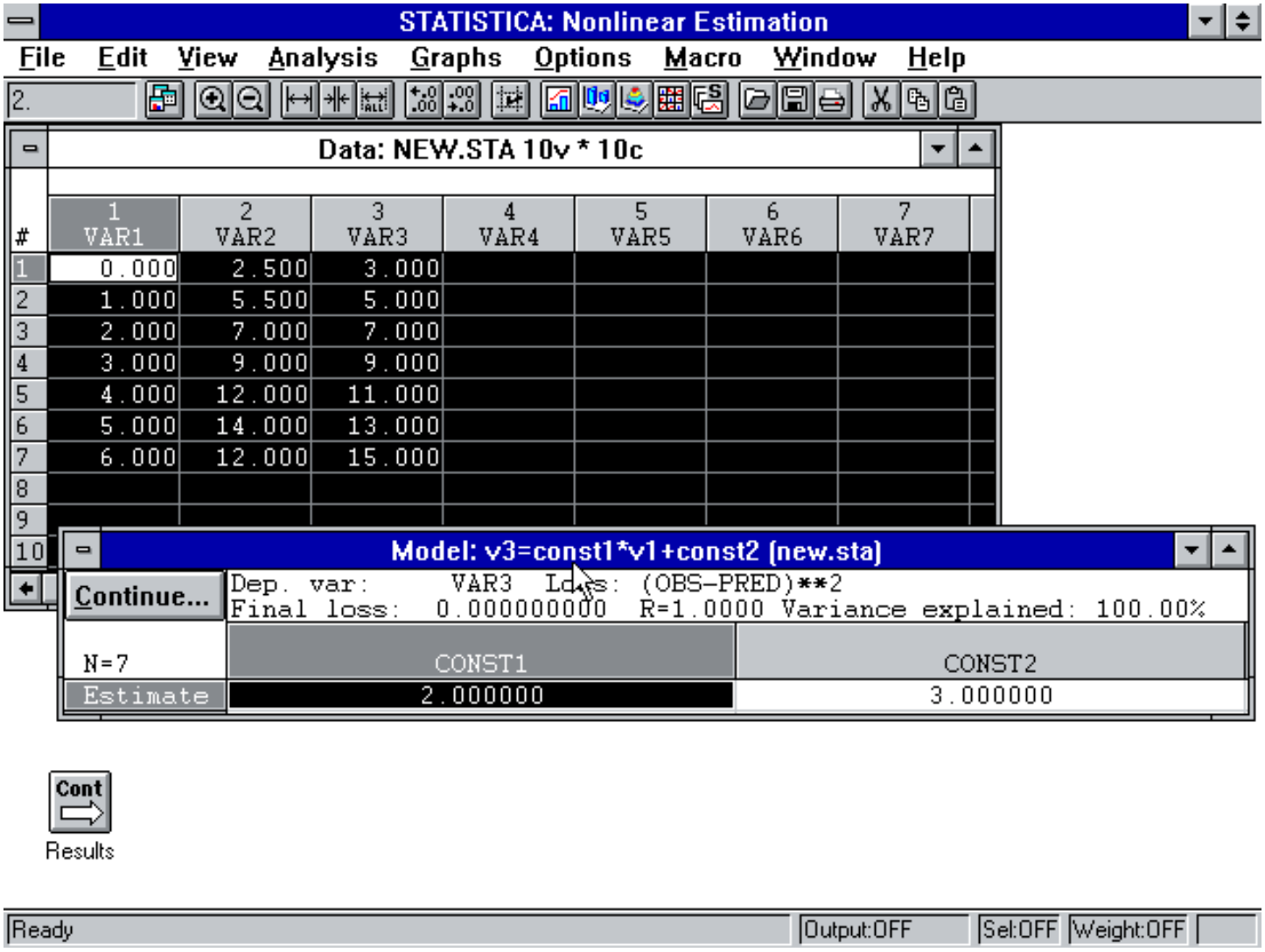

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Results
Model is: v3=const1*v1+const2
Dependent variable: VAR3
Independent variables: 1
Loss function: (OBS-PRED)**2
Final value: 0.000000000
Proportion of variance accounted for: 1.000000000
R = 1.000000000
Parameter estimates
Cov./corrs. of parameters
Scale MS-error to 1
Residual values
Predicted values
Observed values
Means & standard deviations
Difference (previous model)
Save predicted and residual values
Fitted 2D function & observed vals
Fitted 3D function & observed vals
Distribution of residuals
Normal probability plot of residuals
Half-normal probability plot
Predicted vs. observed values
Predicted vs. residual values
Matrix plot for all variables
Box & whisker plot for all vars.
OK
Cancel
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

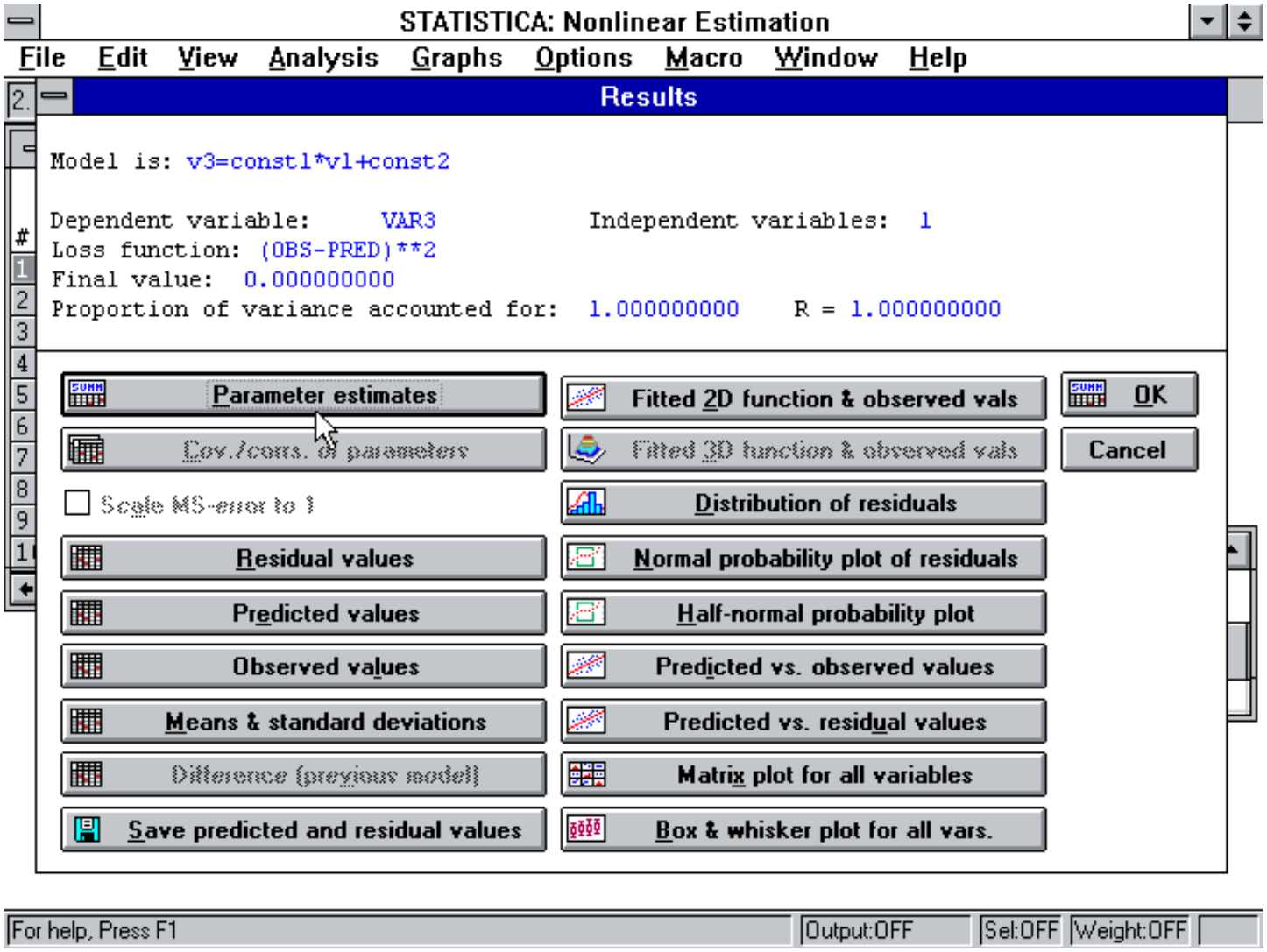

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Results
Model is: v3=const1*v1+const2
Dependent variable: VAR3
Independent variables: 1
Loss function: (OBS-PRED)**2
Final value: 0.000000000
Proportion of variance accounted for: 1.000000000
R = 1.000000000
Parameter estimates
Cov./cors. of parameters
Scale MS-error to 1
Residual values
Predicted values
Observed values
Means & standard deviations
Difference (previous model)
Save predicted and residual values
Fitted 2D function & observed vals
Fitted 3D function & observed vals
Distribution of residuals
Normal probability plot of residuals
Half-normal probability plot
Predicted vs. observed values
Predicted vs. residual values
Matrix plot for all variables
Box & whisker plot for all vars.
OK
Cancel
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

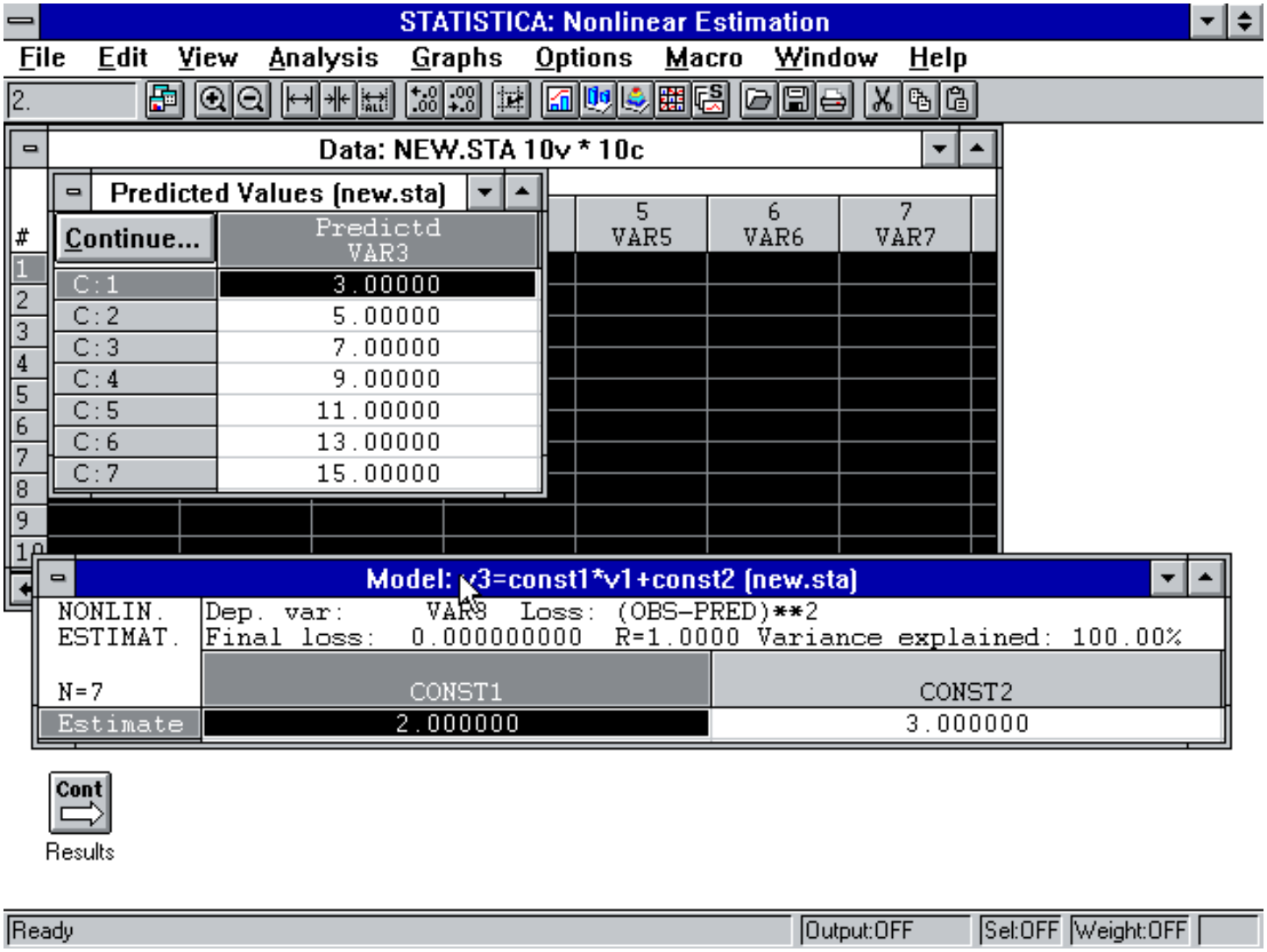

STATISTICA: Nonlinear Estimation
File Edit View Layouts Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
VAR7
Observed versus Predicted Values
Continue...
Observed versus Predicted Values
Observed Values = 0.0000 + 1.0000 * Predicted Values
Correlation: r = 1.0000
Observed Values
Predicted Values
Regression
95% confid.
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

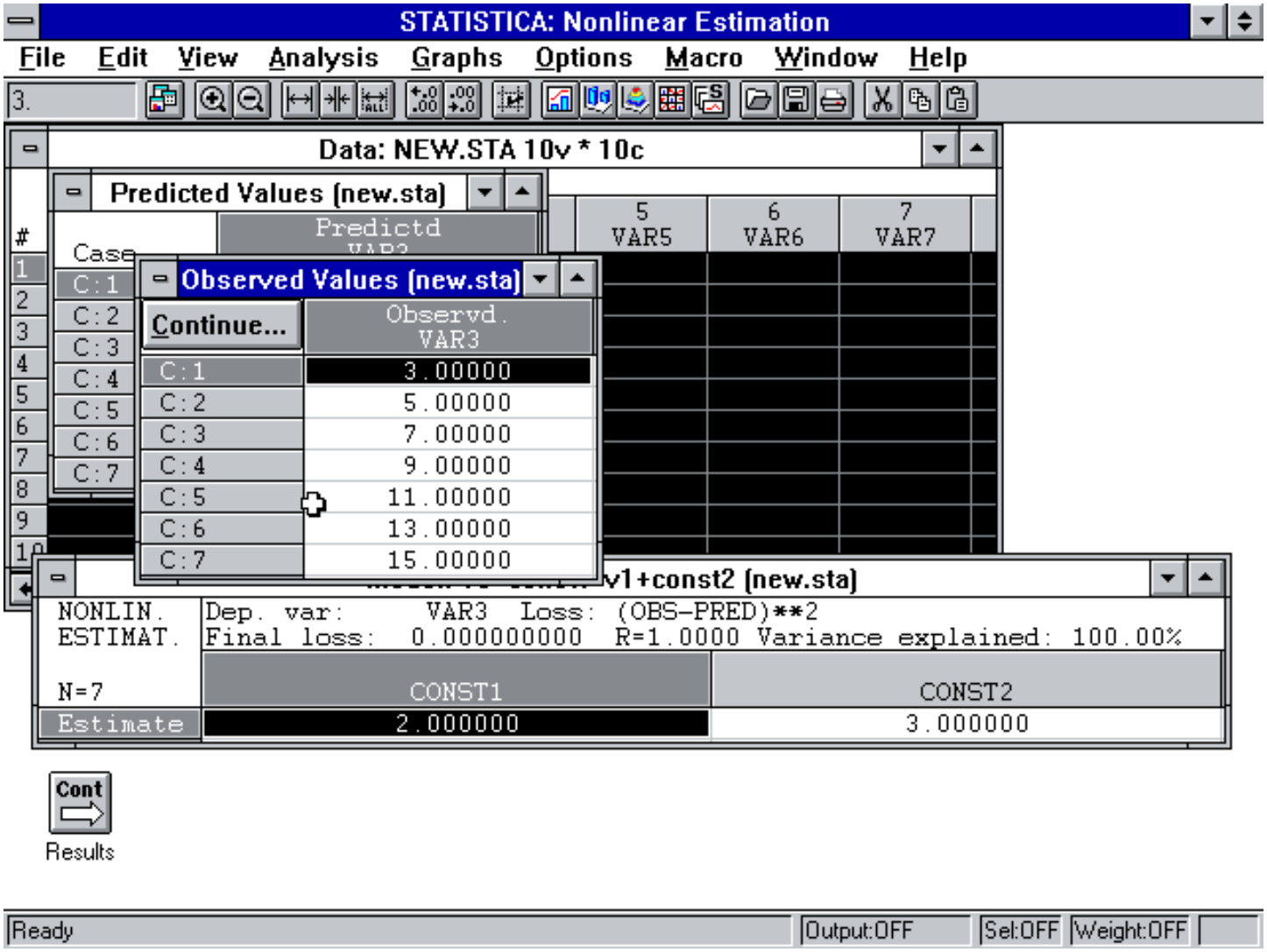

STATISTICA: Nonlinear Estimation
File Edit View Layouts Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
Observed versus Predicted Values
Continue...
Observed versus Predicted Values
Observed Values = 0.0000 + 1.0000 * Predicted Values
Correlation: r = 1.0000
Observed Values
Predicted Values
Change General Layout...
Change Plot Layout(s)...
Rotate Graph/Perspective
Edit Graph Data...
Set Graph Region/Margins
Set Background Colors
Fixed Legend ON
Embed/Link another Graph
Paste Ctrl+V
Copy Graph Ctrl+C
Print Graph
Save Graph
Screen Catcher Alt+F3
Cont
Results
Opens the Graph Data Editor
Output:OFF
Sel:OFF
Weight:OFF

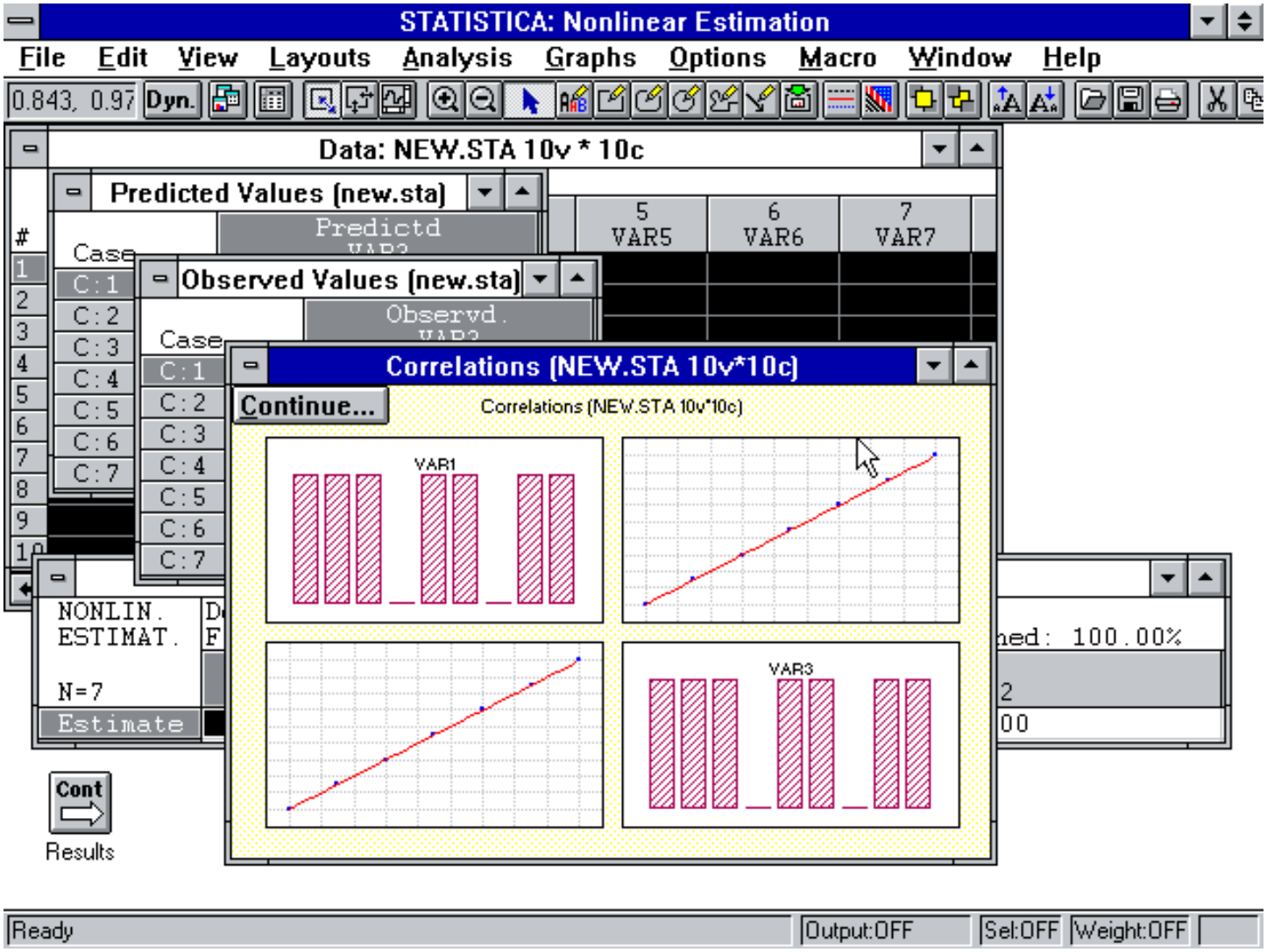

STATISTICA: Nonlinear Estimation
File Edit View Options Macro Window Help
3.000000
Redraw
Exit+Redraw
Data: NEW.STA 10v * 10c
VAR7
Observed versus Predicted Values
Continue...
Observed versus Predicted Values
Graph Data: Obser
Observed versus Predicted
Observed Values = 0.0000
Regression
Scatterplot
X
Y
1 3.00 3.00
2 5.00 5.00
3 7.00 7.00
4 9.00 9.00
5 11.00 11.00
6 13.00 13.00
7 15.00 15.00
8
Observed Values
Regression
95% confid.
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

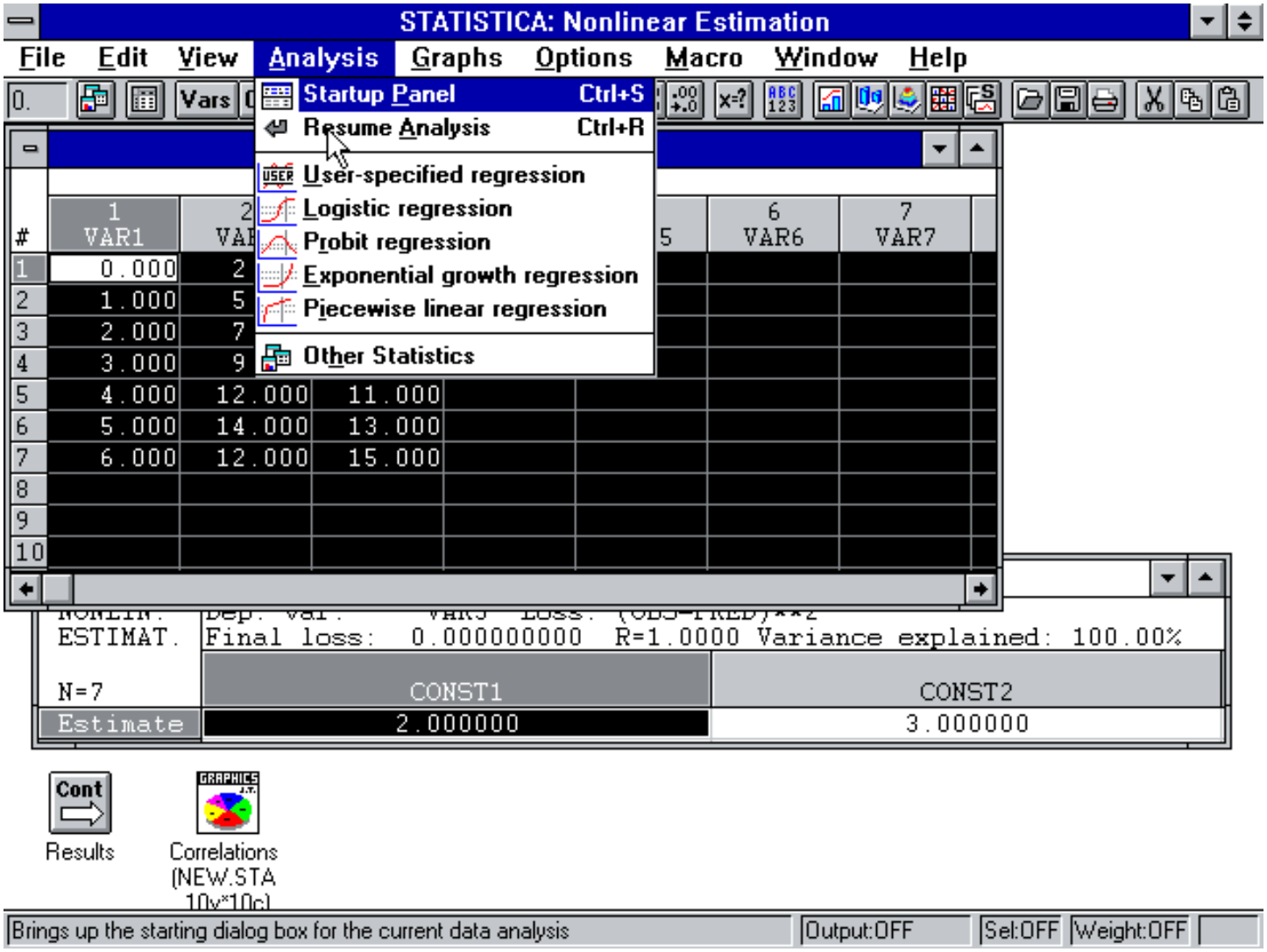

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
2.
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000 9.000 9.000
5 4.000 12.000 11.000
6 5.000 14.000 13.000
7 6.000 12.000 15.000
8
9
10
Model: v3=const1*v1+const2 (new.sta)
Continue...
Dep. var: VAR3 Loss: (OBS-PRED)**2
Final loss: 0.000000000 R=1.0000 Variance explained: 100.00%
N=7
CONST1
CONST2
Estimate
2.000000
3.000000
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

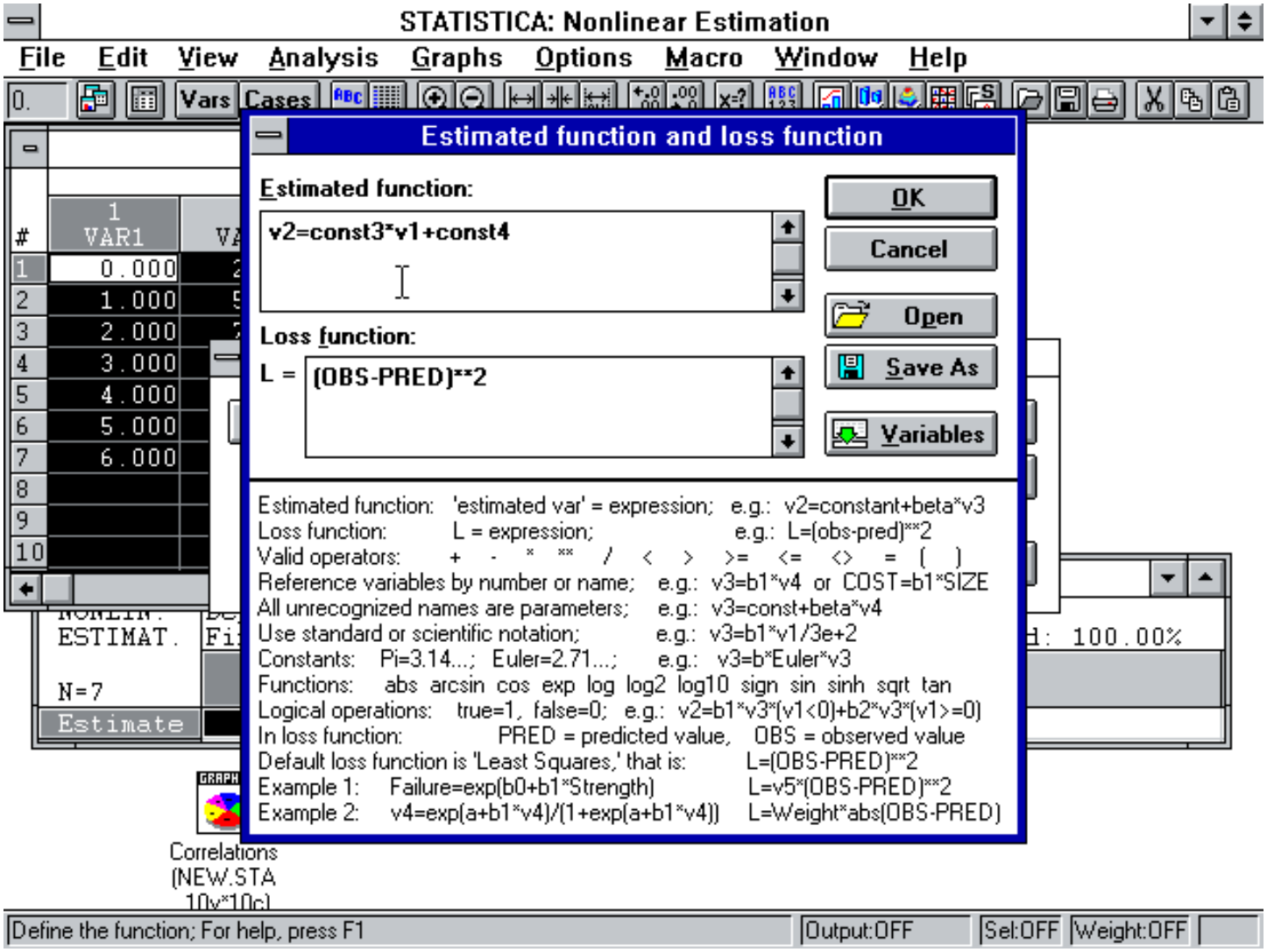

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Results
Model is: v3=const1*v1+const2
Dependent variable: VAR3
Independent variables: 1
Loss function: (OBS-PRED)**2
Final value: 0.000000000
Proportion of variance accounted for: 1.000000000
R = 1.000000000
Parameter estimates
Cov./cors. of parameters
Scale MS-error to 1
Residual values
Predicted values
Observed values
Means & standard deviations
Difference (previous model)
Save predicted and residual values
Fitted 2D function & observed vals
Fitted 3D function & observed vals
Distribution of residuals
Normal probability plot of residuals
Half-normal probability plot
Predicted vs. observed values
Predicted vs. residual values
Matrix plot for all variables
Box & whisker plot for all vars.
OK
Cancel
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

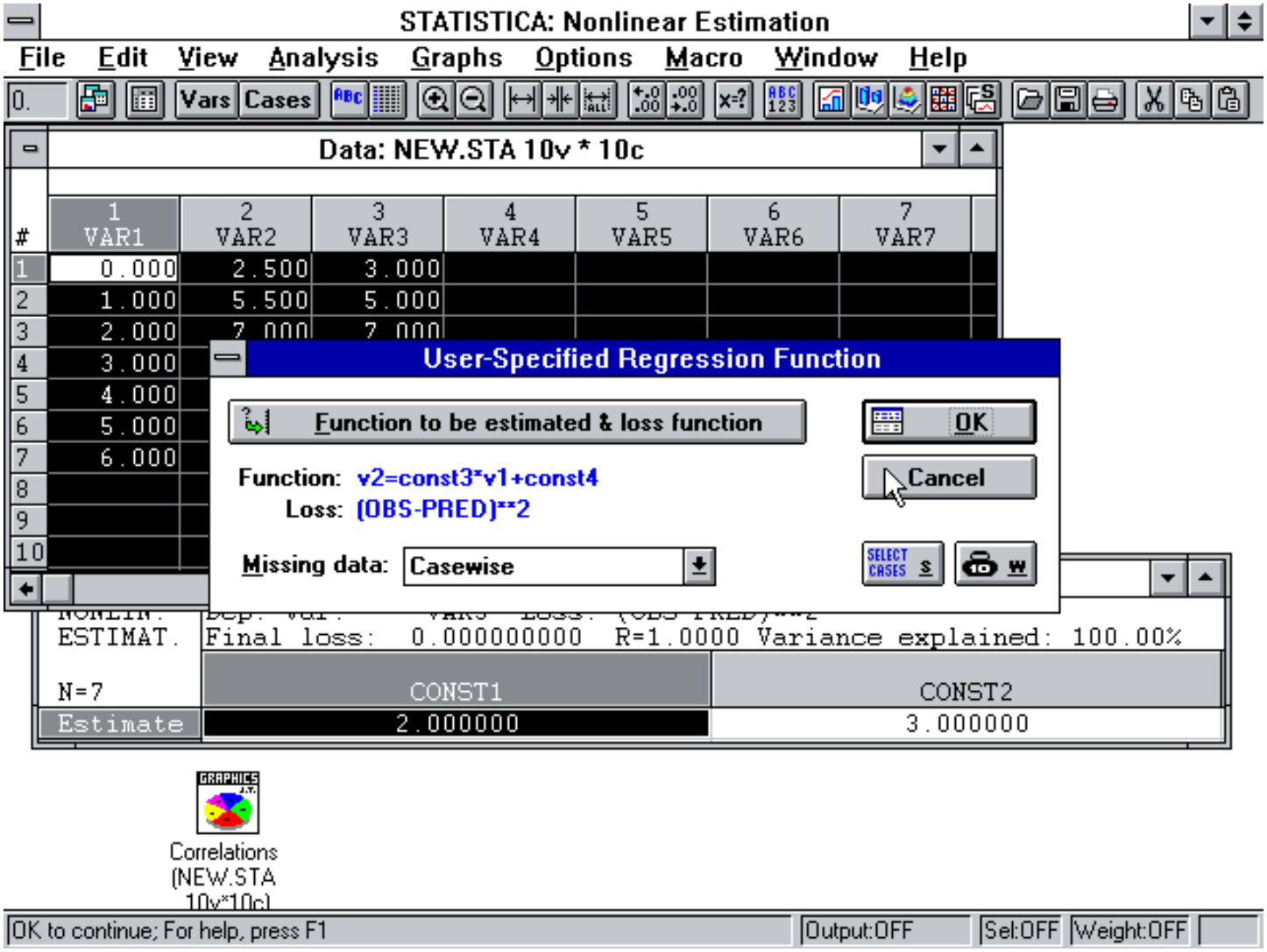

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
Predicted Values (new.sta)
Continue...
Predictd VAR3
C:1 3.00000
C:2 5.00000
C:3 7.00000
C:4 9.00000
C:5 11.00000
C:6 13.00000
C:7 15.00000
5 VAR5
6 VAR6
7 VAR7
Model: v3=const1*v1+const2 (new.sta)
NONLIN. ESTIMAT.
Dep. var: VAR3 Loss: (OBS-PRED)**2
Final loss: 0.000000000 R=1.0000 Variance explained: 100.00%
N=7
CONST1
CONST2
Estimate
2.000000
3.000000
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

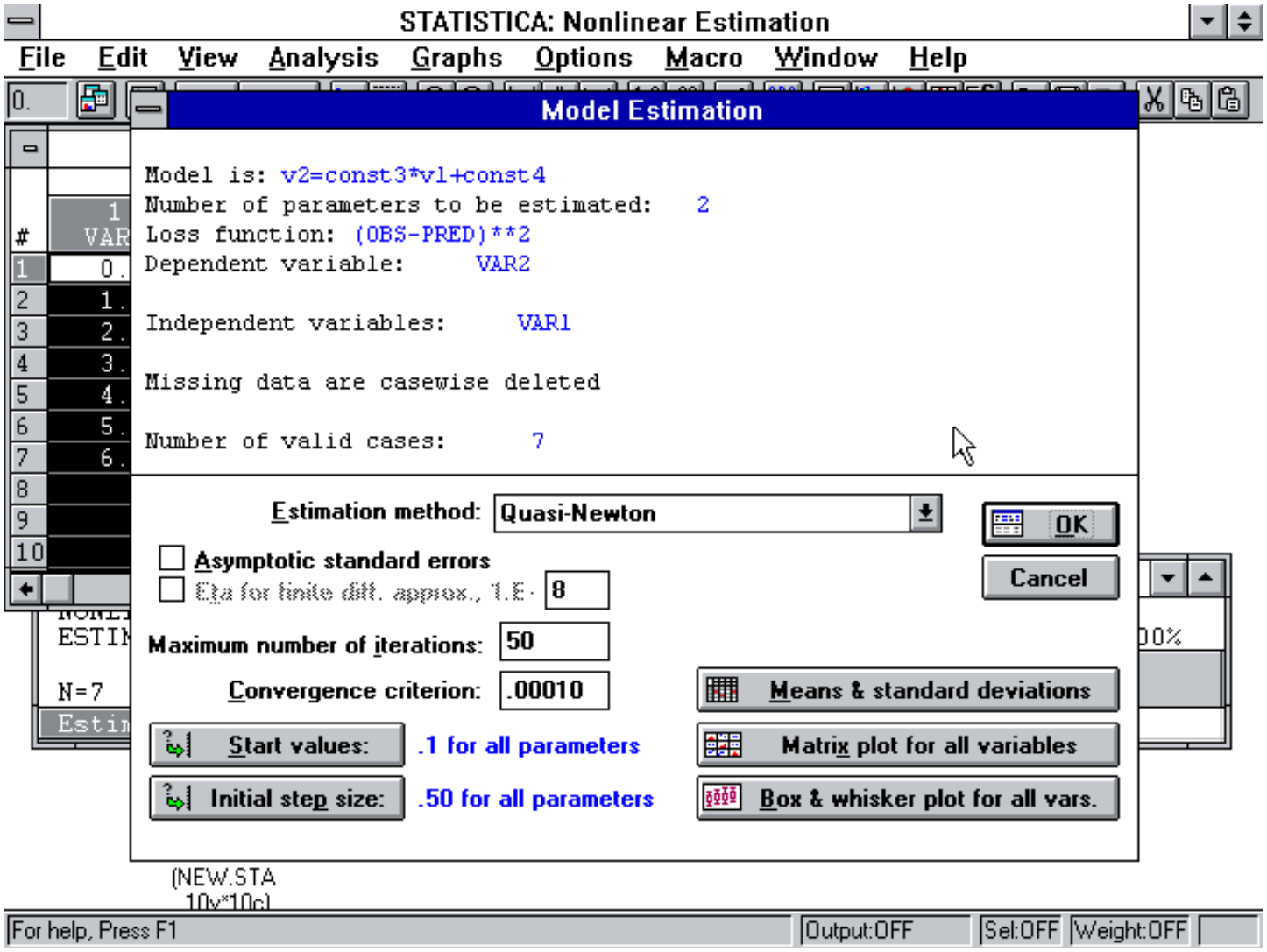

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
Predicted Values (new.sta)
Predictd
Case
5
VAR5
6
VAR6
7
VAR7
Observed Values (new.sta)
Continue...
Observd.
VAR3
C:1 3.00000
C:2 5.00000
C:3 7.00000
C:4 9.00000
C:5 11.00000
C:6 13.00000
C:7 15.00000
v1+const2 (new.sta)
NONLIN. ESTIMAT.
Dep. var: VAR3 Loss: (OBS-PRED)**2
Final loss: 0.000000000 R=1.0000 Variance explained: 100.00%
N=7
CONST1
CONST2
Estimate
2.000000
3.000000
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

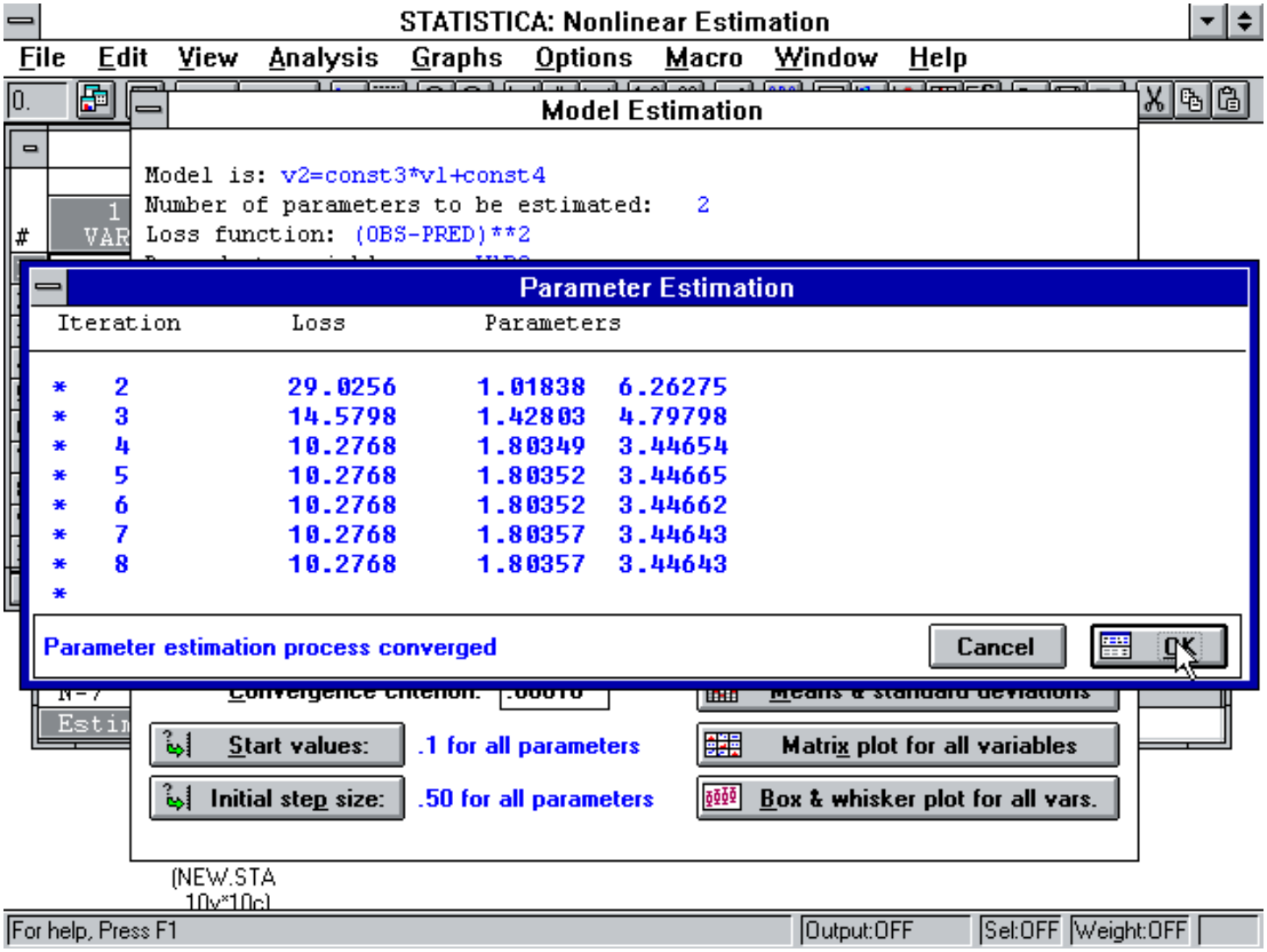

STATISTICA: Nonlinear Estimation
File Edit View Layouts Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
Predicted Values (new.sta)
Observed Values (new.sta)
Correlations (NEW.STA 10v*10c)
Continue...
Correlations (NEW.STA 10v*10c)
VAR1
VAR3
NONLIN. ESTIMAT.
N=7
Estimate
Cont
Results
Ready
Output:OFF
Sel:OFF
Weight:OFF

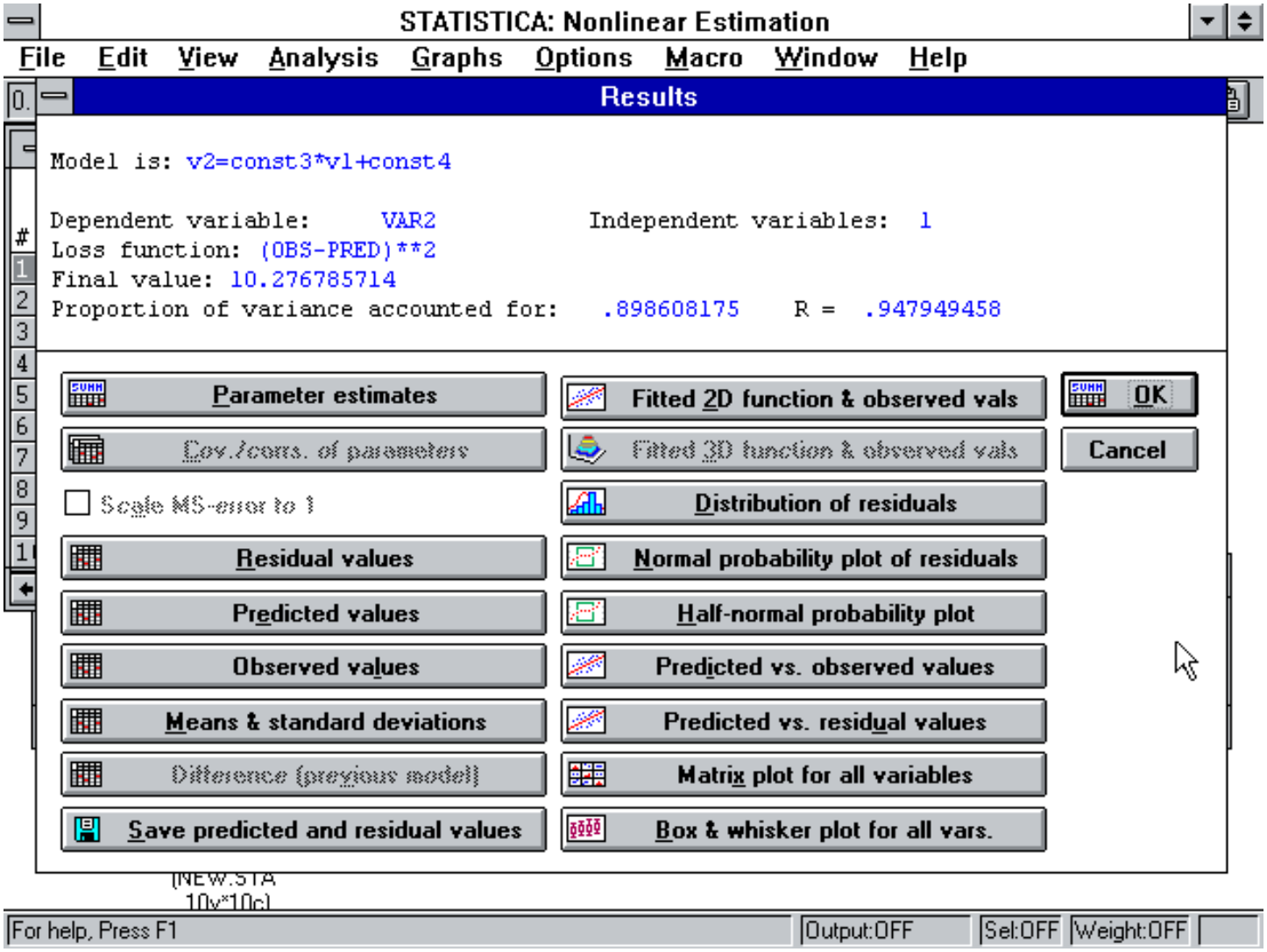

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Startup Panel Ctrl+S
Resume Analysis Ctrl+R
User-specified regression
Logistic regression
Probit regression
Exponential growth regression
Piecewise linear regression
Other Statistics
Vars
VAR1 VAR6 VAR7
1 0.000
2 1.000
3 2.000
4 3.000
5 4.000 12.000 11.000
6 5.000 14.000 13.000
7 6.000 12.000 15.000
8
9
10
ESTIMAT.
Final loss: 0.000000000 R=1.0000 Variance explained: 100.00%
N=7 CONST1 CONST2
Estimate 2.000000 3.000000
Cont
Results
Correlations (NEW.STA 10v*10c)
Brings up the starting dialog box for the current data analysis
Output:OFF
Sel:OFF
Weight:OFF

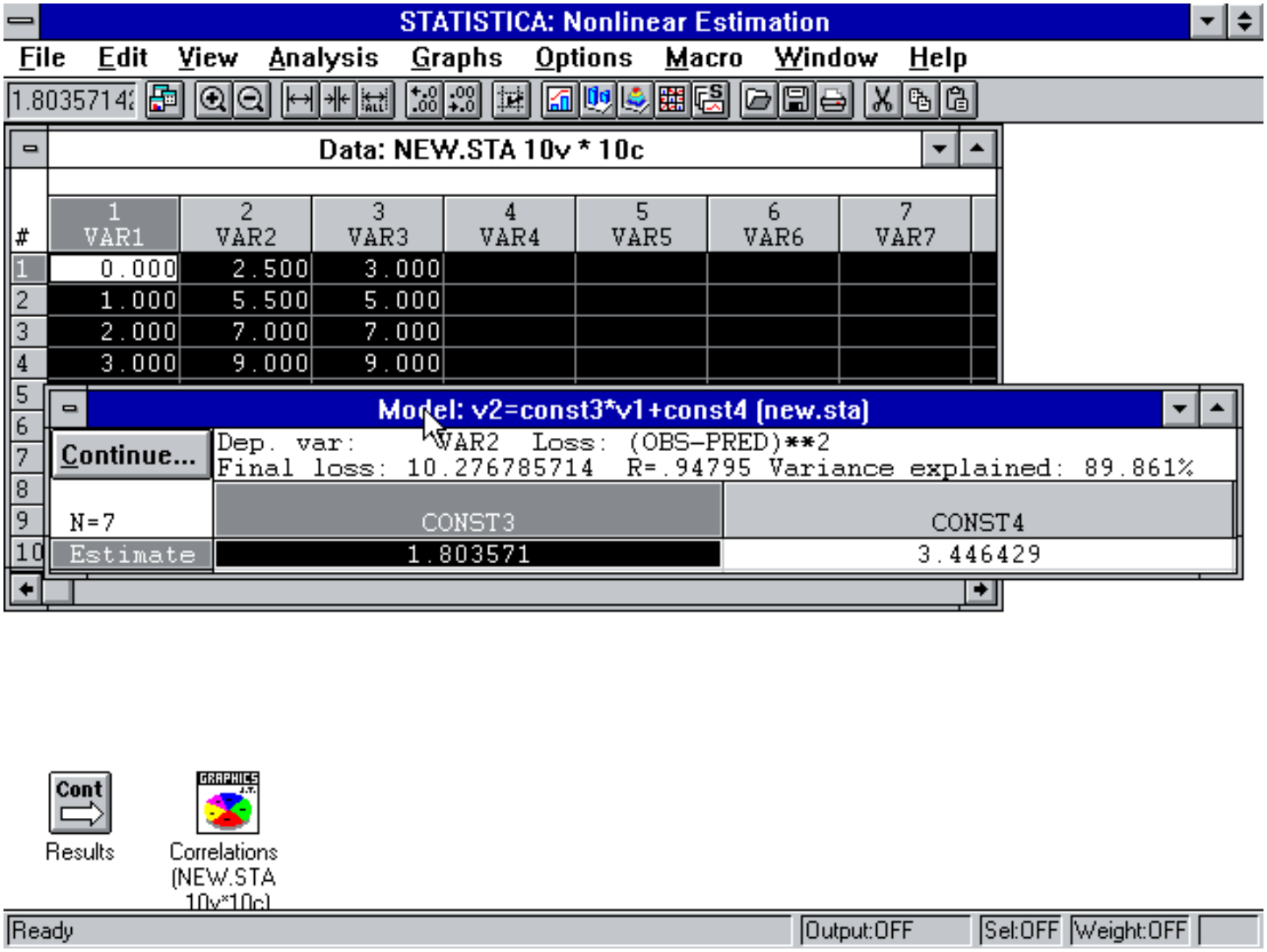

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Estimated function and loss function
Estimated function:
v2=const3*v1+const4
OK
Cancel
Open
Save As
Variables
Loss function:
L =
(OBS-PRED)**2
Estimated function: 'estimated var' = expression; e.g.: v2=constant+beta*v3
Loss function: L = expression; e.g.: L=(obs-pred)**2
Valid operators: + - * ** / < > >= <= <> = ( )
Reference variables by number or name; e.g.: v3=b1*v4 or COST=b1*SIZE
All unrecognized names are parameters; e.g.: v3=const+beta*v4
Use standard or scientific notation; e.g.: v3=b1*v1/3e+2
Constants: Pi=3.14...; Euler=2.71...; e.g.: v3=b*Euler*v3
Functions: abs arcsin cos exp log log2 log10 sign sin sinh sqrt tan
Logical operations: true=1, false=0; e.g.: v2=b1*v3*(v1<0)+b2*v3*(v1>=0)
In loss function: PRED = predicted value, OBS = observed value
Default loss function is 'Least Squares,' that is: L=(OBS-PRED)**2
Example 1: Failure=exp(b0+b1*Strength) L=v5*(OBS-PRED)**2
Example 2: v4=exp(a+b1*v4)/(1+exp(a+b1*v4)) L=Weight*abs(OBS-PRED)
1 VAR1
1 0.000
2 1.000
3 2.000
4 3.000
5 4.000
6 5.000
7 6.000
8
9
10
ESTIMAT.
N=7
Estimate
Correlations (NEW.STA 10v*10c)
Define the function; For help, press F1
Output:OFF
Sel:OFF
Weight:OFF

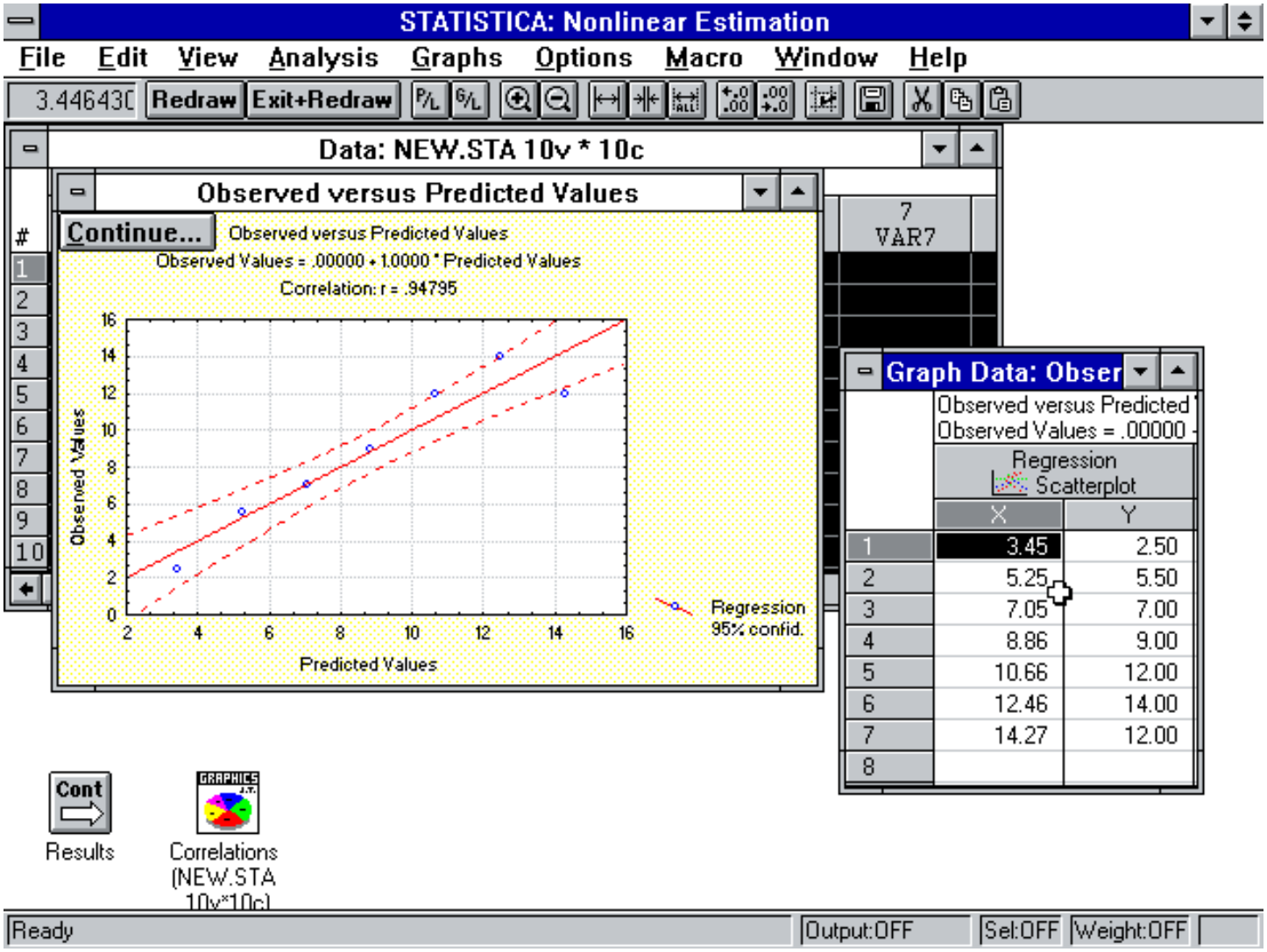

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Vars Cases
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000
5 4.000
6 5.000
7 6.000
8
9
10
User-Specified Regression Function
Function to be estimated & loss function
OK
Cancel
Function: v2=const3*v1+const4
Loss: (OBS-PRED)**2
Missing data: Casewise
SELECT CASES s
w
ESTIMAT.
Final loss: 0.000000000 R=1.0000 Variance explained: 100.00%
N=7
CONST1
CONST2
Estimate
2.000000
3.000000
GRAPHICS
Correlations (NEW.STA 10v*10c)
OK to continue; For help, press F1
Output:OFF
Sel:OFF
Weight:OFF

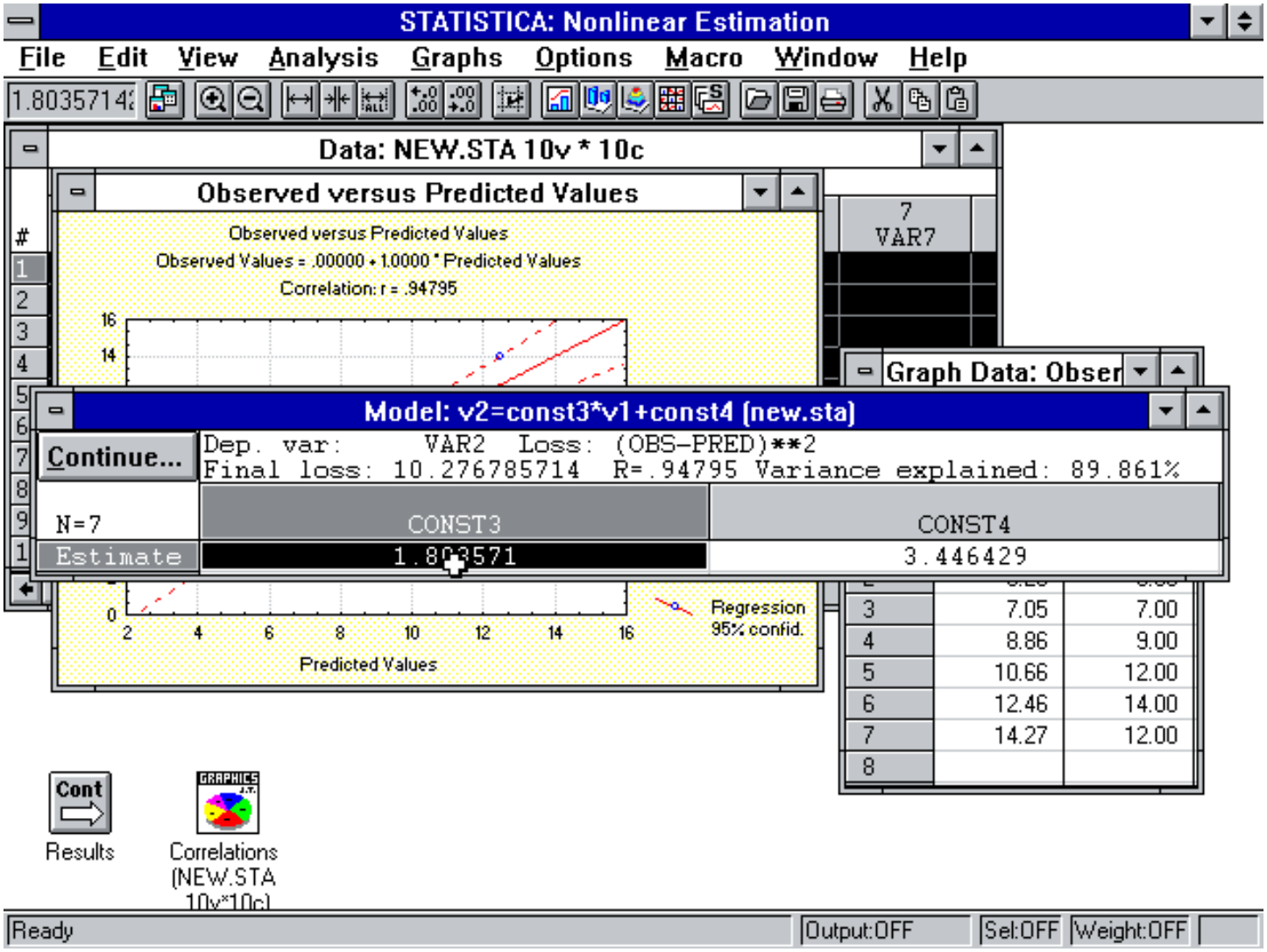

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v2=const3*v1+const4
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Dependent variable: VAR2
Independent variables: VAR1
Missing data are casewise deleted
Number of valid cases: 7
Estimation method: Quasi-Newton
Asymptotic standard errors
Cia for finite diff. approx., I.E.: 8
Maximum number of iterations: 50
Convergence criterion: .00010
Start values: .1 for all parameters
Initial step size: .50 for all parameters
OK
Cancel
Means & standard deviations
Matrix plot for all variables
Box & whisker plot for all vars.
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF

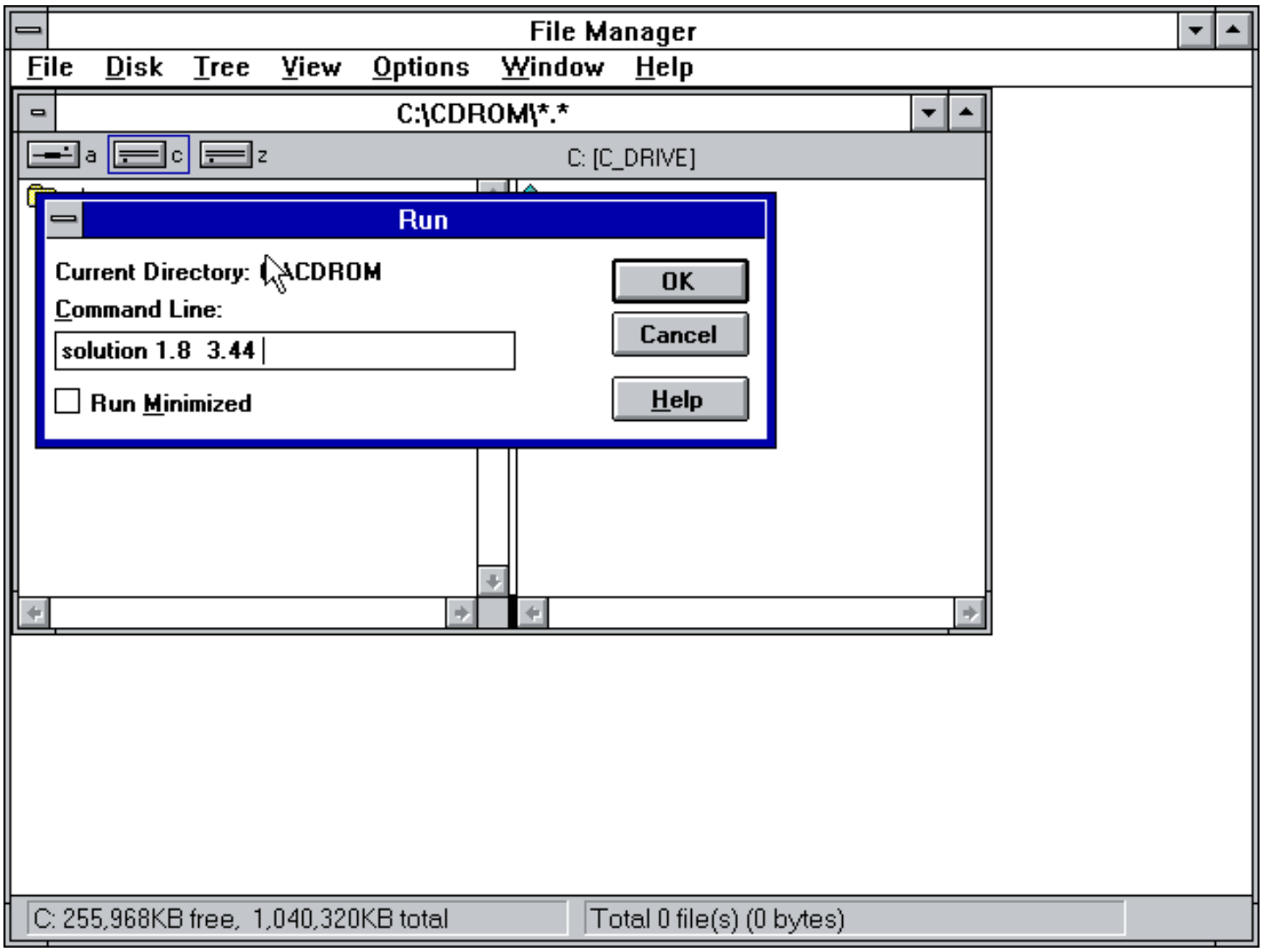

STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Model Estimation
Model is: v2=const3*v1+const4
Number of parameters to be estimated: 2
Loss function: (OBS-PRED)**2
Parameter Estimation
Iteration Loss Parameters
* 2 29.0256 1.01838 6.26275
* 3 14.5798 1.42803 4.79798
* 4 10.2768 1.80349 3.44654
* 5 10.2768 1.80352 3.44665
* 6 10.2768 1.80352 3.44662
* 7 10.2768 1.80357 3.44643
* 8 10.2768 1.80357 3.44643
*
Parameter estimation process converged
Cancel
OK
Start values:
.1 for all parameters
Initial step size:
.50 for all parameters
Matrix plot for all variables
Box & whisker plot for all vars.
(NEW.STA
10v*10c)
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF


STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Results
Model is: v2=const3*v1+const4
Dependent variable: VAR2 Independent variables: 1
Loss function: (OBS-PRED)**2
Final value: 10.276785714
Proportion of variance accounted for: .898608175 R = .947949458
Parameter estimates
Cov./cors. of parameters
Scale MS-error to 1
Residual values
Predicted values
Observed values
Means & standard deviations
Difference (previous model)
Save predicted and residual values
Fitted 2D function & observed vals
Fitted 3D function & observed vals
Distribution of residuals
Normal probability plot of residuals
Half-normal probability plot
Predicted vs. observed values
Predicted vs. residual values
Matrix plot for all variables
Box & whisker plot for all vars.
OK
Cancel
(NEW.STA
10v*10c)
For help, Press F1
Output:OFF
Sel:OFF
Weight:OFF


STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
1.8035714
Data: NEW.STA 10v * 10c
1 VAR1 2 VAR2 3 VAR3 4 VAR4 5 VAR5 6 VAR6 7 VAR7
1 0.000 2.500 3.000
2 1.000 5.500 5.000
3 2.000 7.000 7.000
4 3.000 9.000 9.000
Model: v2=const3*v1+const4 (new.sta)
Continue...
Dep. var: VAR2 Loss: (OBS-PRED)**2
Final loss: 10.276785714 R=.94795 Variance explained: 89.861%
N=7
CONST3
CONST4
Estimate
1.803571
3.446429
Cont
Results
GRAPHICS
Correlations (NEW.STA 10v*10c)
Ready
Output:OFF
Sel:OFF
Weight:OFF


STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
3.446430
Redraw
Exit+Redraw
Data: NEW.STA 10v * 10c
Observed versus Predicted Values
Continue...
Observed versus Predicted Values
Observed Values = .00000 + 1.0000 * Predicted Values
Correlation: r = .94795
Observed Values
Predicted Values
Regression
95% confid.
7
VAR7
Graph Data: Obser
Observed versus Predicted
Observed Values = .00000
Regression
Scatterplot
X
Y
1 3.45 2.50
2 5.25 5.50
3 7.05 7.00
4 8.86 9.00
5 10.66 12.00
6 12.46 14.00
7 14.27 12.00
8
Cont
Results
Correlations
(NEW.STA
10v*10c)
Ready
Output:OFF
Sel:OFF
Weight:OFF


STATISTICA: Nonlinear Estimation
File Edit View Analysis Graphs Options Macro Window Help
Data: NEW.STA 10v * 10c
Observed versus Predicted Values
Observed versus Predicted Values
Observed Values = .00000 + 1.0000 * Predicted Values
Correlation: r = .94795
Predicted Values
Regression
95% confid.
Graph Data: Obser
Model: v2=const3*v1+const4 (new.sta)
Continue...
Dep. var: VAR2 Loss: (OBS-PRED)**2
Final loss: 10.276785714 R=.94795 Variance explained: 89.861%
N=7
CONST3
CONST4
Estimate
1.803571
3.446429
VAR7
3 7.05 7.00
4 8.86 9.00
5 10.66 12.00
6 12.46 14.00
7 14.27 12.00
8
Cont
Results
Correlations (NEW.STA 10v*10c)
Ready
Output:OFF
Sel:OFF
Weight:OFF


File Manager
File Disk Tree View Options Window Help
C:\CDROM*.*
a c z
C: [C_DRIVE]
Run
Current Directory: C:\CDROM
Command Line:
solution 1.8 3.44
Run Minimized
OK
Cancel
Help
C: 255,968KB free, 1,040,320KB total
Total 0 file(s) (0 bytes)